

NEC

PART NO. 599910638

SERVICE MANUAL

COLOR MONITOR **MultiSync® LCD1700NX**

MODELS LCD1700NX (A)/-BK(A)/(B)/-BK(B)

NEC-MITSUBISHI ELECTRIC VISUAL SYSTEMS CORPORATION

APRIL 2002

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WARNING

The SERVICE PERSONNEL should have the appropriate technical training, knowledge and experience necessary to:

- Be familiar with specialized test equipment, and
- Be careful to follow all safety procedures to minimize danger to themselves and their coworkers.

To avoid electrical shocks, this equipment should be used with an appropriate power cord.

This equipment utilized a micro-gap power switch. Turn off the set by first pushing power switch. Next, remove the power cord from the AC outlet.

To prevent fire or shock hazards, do not expose this unit to rain or moisture.



This symbol warns the personnel that un-insulated voltage within the unit may have sufficient magnitude to cause electric shock.



This symbol alerts the personnel that important literature concerning the operation and maintenance of this unit has been included.

Therefore, it should be read carefully in order to avoid any problems.



PRODUCT SAFETY CAUTION

1. When parts replacement is required for servicing, always use the manufacturer's specified replacement.
2. When replacing the component, always be certain that all the components are put back in the place.
3. As for a connector, pick and extract housing with fingers properly since a disconnection and improper contacts may occur, when wires of the connector are led.
4. Use a proper screwdriver. If you use screwdriver that does not fit, you may damage the screws.

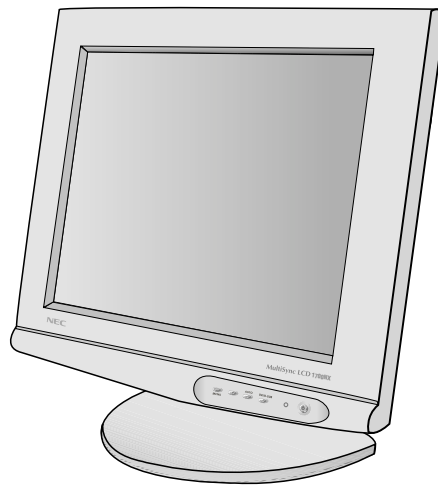
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User's Manual

1. A Version

NEC





USER'S MANUAL





MultiSync[®]
LCD1700NX[™]

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	WARNING	
<p>TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. ALSO, DO NOT USE THIS UNIT'S POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLETS UNLESS THE PRONGS CAN BE FULLY INSERTED.</p> <p>REFRAIN FROM OPENING THE CABINET AS THERE ARE HIGH VOLTAGE COMPONENTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		

	CAUTION	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, MAKE SURE POWER CORD IS UNPLUGGED FROM WALL SOCKET. TO FULLY DISENGAGE THE POWER TO THE UNIT, PLEASE DISCONNECT THE POWER CORD FROM THE AC OUTLET. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		
	<p>This symbol warns user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any part inside this unit.</p>	
	<p>This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.</p>	

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against radio frequency interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception (this can be determined by turning this equipment off and on), the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between this equipment and the receiver.
- Connect this equipment to an outlet on a circuit different from which the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

If necessary, the user should contact the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Caution:

To comply with the limits for an FCC Class B computing device, always use the AC adapter, the shielded signal cord and power cord supplied with this unit.

2 User's Guide

Caution to the user:

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice of Compliance Canadian Interference-causing Equipment Regulations

DOC Compliance Notice:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

DOC Avis de Conformation

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicable aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectriques édicté par le ministère des Communications du Canada.

DECLARATION OF CONFORMITY

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

U.S. Responsible Party:	NEC-Mitsubishi Electronics Display of America, Inc.
Address:	1250 North Arlington Heights Road, Suite 500 Itasca, Illinois 60143-1248
Tel. No.:	(630) 467-3000

Type of Product:	Computer Monitor
Equipment Classification:	Class B Peripheral
Model:	MultiSync LCD1700NX



*We hereby declare that the equipment specified above
conforms to the technical standards as specified in the FCC Rules.*

Windows is a registered trademark of Microsoft Corporation. NEC is a registered trademark of NEC Corporation. ENERGY STAR® is a U.S. registered trademark. All other brands and product names are trademarks or registered trademarks of their respective owners.

As an ENERGY STAR® Partner, NEC-Mitsubishi Electronics Display of America has determined that this product meets the Energy Star guidelines for energy efficiency. The ENERGY STAR® emblem does not represent EPA endorsement of any product or service.

INTRODUCTION

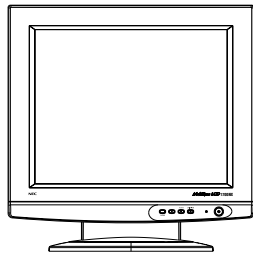
Congratulations for purchasing the MultiSync® LCD1700NX™, a high performance 17-inch color TFT LCD monitor. The MultiSync LCD1700NX monitor provides flicker-free and color images at optional resolutions. Through this user guide, we will introduce you step-by-step all the features, functions and technical specifications of the LCD monitor. Surely you will have a refreshing experience working with the monitor.

FEATURES

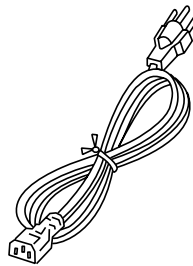
The MultiSync LCD1700NX is a 17-inch TFT LCD monitor that is intelligent, microprocessor-based and ergonomically designed display, compatible with most RGB (Red, Green, Blue) display standards, including PS/V, PS/2, optional for Apple Macintosh Centris, Quadra, and Macintosh II family signals. The LCD monitor is capable of displaying crisp and vibrant color graphics with VGA, SVGA, XGA, SXGA (non-interlaced), and most Macintosh compatible color video cards.

- The monitor is able to properly function even in case of upgrade video cards or software because of the wide auto-scanning compatibility range without requiring to buy a new monitor.
- The resident memory allows for storing factory default settings and also additional user adjustment parameters.
- The maximum resolution achievable is SXGA (1280 x 1024), best suited for Windows applications
- The compact and sleek cabinet design saves desk space and makes your desk look neat and tidy.
- The monitor is compliant with VESA-DPMS power management standard. In order to save energy, the monitor must be connected to a system compliant with the standard.
- XtraView+® Wide Viewing Angle Technology: Allows the user to be able to see the monitor from any angle (170 degrees) from any orientation — Portrait or Landscape. Provides full 170° viewing angles either up, down, left or right.
From any orientation - Portrait or Landscape, XtraView+ provides accurate brightness and color from any angle 170°.
- DVI-D and VGA input connectors
Allow compatibility with upgraded video cards and software.

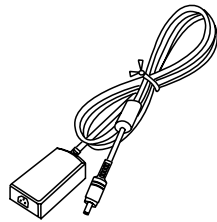
- LCD Monitor



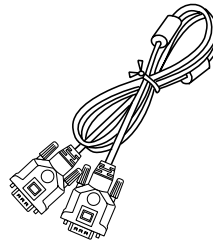
- Power Cord



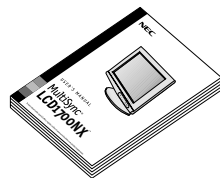
- AC Adapter (LSE9901B1970)



- Video Signal Cable (D-Sub)

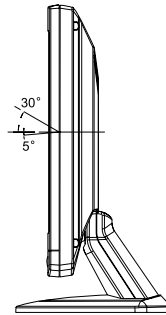


- User's Manual



SCREEN POSITION ADJUSTMENT

In order to optimize the best viewing position, you can adjust the tilt of the monitor by using both of your hands to hold the edges of the monitor as shown in the figure below. The monitor can be adjusted to 30 degrees up or 5 degrees down as indicated by arrow below.

**CONNECTING THE POWER CORD**

- Check first to make sure that the power cord you use is the correct type required for your area.
- This monitor has a universal AC adapter that allows operation in 100-240 V AC voltage area. No user-adjustment is required.
- Plug one end of the power cord to the AC adapter, plug another end to a proper AC outlet.
- For units to be used at 120 V AC:
Use the supplied power cord or a UL Listed Cord Set, Type SPT-2 wire and plug rated 7 A/125 V.
- For units to be used at 220-240 V AC:
Use a Cord Set consisting of H03VVH2-F cord and plug rated 2.5 A, 250 V. The cord set should have the appropriate safety approvals for the country in which the equipment will be installed.

Recommended Use

Safety Precautions and Maintenance



FOR OPTIMUM PERFORMANCE, PLEASE NOTE THE FOLLOWING WHEN SETTING UP AND USING THE MULTISYNC® LCD COLOR MONITOR:



- **DO NOT OPEN THE MONITOR.** There are no user serviceable parts inside and opening or removing covers may expose you to dangerous shock hazards or other risks. Refer all servicing to qualified service personnel.
- Do not spill any liquids into the cabinet or use your monitor near water.
- Do not insert objects of any kind into the cabinet slots, as they may touch dangerous voltage points, which can be harmful or fatal or may cause electric shock, fire or equipment failure.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Do not place this product on a sloping or unstable cart, stand or table, as the monitor may fall, causing serious damage to the monitor.
- When operating the MultiSync LCD monitor with its AC 125-240V power supply, use a power supply cord that matches the power supply voltage of the AC power outlet being used. The power supply cord you use must have been approved by and comply with the safety standards of your country.
- In UK, use a BS-approved power cord with molded plug having a black (5A) fuse installed for use with this monitor. If a power cord is not supplied with this monitor, please contact your supplier.
- Use supplied AC Adapter. Do not place any objects onto the AC Adapter and do not use the AC Adapter outdoors.
- Do not place any objects onto the monitor and do not use the monitor outdoors.
- The inside of the fluorescent tube located within the LCD monitor contains mercury. Please follow the bylaws or rules of your municipality to dispose of the tube properly.

Immediately unplug your monitor from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the monitor.
- If the monitor has been exposed to rain or water.
- If the monitor has been dropped or the cabinet damaged.
- If the monitor does not operate normally by following operating instructions.
- Do not bend power cord.
- Do not use monitor in high temperature, humid, dusty, or oily areas.
- If glass is broken, handle with care.
- Do not cover vent on monitor.
- If monitor or glass is broken, do not come in contact with the liquid crystal and handle with care.



CAUTION

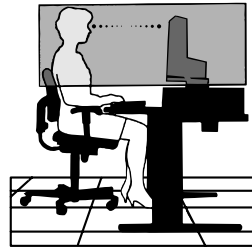
- Allow adequate ventilation around the monitor so that heat can properly dissipate. Do not block ventilated openings or place the monitor near a radiator or other heat sources. Do not put anything on top of monitor.
- The power cable connector is the primary means of detaching the system from the power supply. The monitor should be installed close to a power outlet which is easily accessible.
- Handle with care when transporting. Save packaging for transporting.

Recommended Use –continued

CORRECT PLACEMENT AND ADJUSTMENT OF THE MONITOR CAN REDUCE EYE, SHOULDER AND NECK FATIGUE. CHECK THE FOLLOWING WHEN YOU POSITION THE MONITOR:



- For optimum performance, allow 20 minutes for warm-up.
- Adjust the monitor height so that the top of the screen is at or slightly below eye level. Your eyes should look slightly downward when viewing the middle of the screen.
- Position your monitor no closer than 16 inches and no further away than 26 inches from your eyes. The optimal distance is 19 inches.
- Rest your eyes periodically by focusing on an object at least 20 feet away. Blink often.
- Position the monitor at a 90° angle to windows and other light sources to minimize glare and reflections. Adjust the monitor tilt so that ceiling lights do not reflect on your screen.
- If reflected light makes it hard for you to see your screen, use an anti-glare filter.
- Clean the LCD monitor surface with a lint-free, non-abrasive cloth. Avoid using any cleaning solution or glass cleaner!
- Adjust the monitor's brightness and contrast controls to enhance readability.
- Use a document holder placed close to the screen.
- Position whatever you are looking at most of the time (the screen or reference material) directly in front of you to minimize turning your head while you are typing.
- Avoid displaying fixed patterns on the monitor for long periods of time to avoid image persistence (after-image effects).
- Get regular eye checkups.

**Ergonomics**

To realize the maximum ergonomics benefits, we recommend the following:

- Use the preset Size and Position controls with standard signals
- Use the preset Color Setting
- Use non-interlaced signals with a vertical refresh rate between 60-75Hz
- Do not use primary color blue on a dark background, as it is difficult to see and may produce eye fatigue to insufficient contrast

For more detailed information on setting up a healthy work environment, call NEC-Mitsubishi Electronics Display of America at (800) 632-4662, NEC FastFacts™ information at (800) 366-0476 and request document #900108 or write the American National Standard for Human Factors Engineering of Visual Display Terminal Workstations – ANSI-HFS Standard No. 100-1988 – The Human Factors Society, Inc. P.O. Box 1369, Santa Monica, California 90406.

DDC™

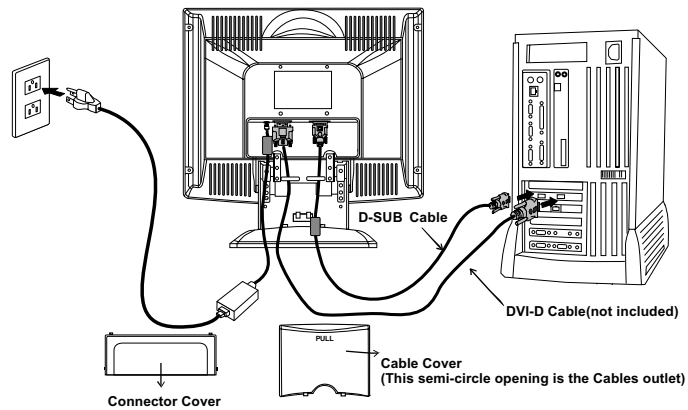
To make your installation easier, the monitor is able to Plug and Play with your system if your system also supports DDC protocol. The DDC (Display Data Channel) is a communication protocol through which the monitor automatically informs the host system about its capabilities, for example, supported resolutions and corresponding timing. The monitor supports DDC2B standard.

INSTALLATION

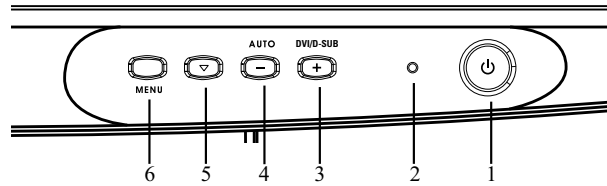
To install the monitor to your host system, please follow the steps as given below:

Steps

1. Open the connector cover first.
2. And then open the cable cover.
3. Connect Video Cable
 - a. Make sure both the monitor and computer are powered-OFF.
 - b. Digital: Connect the DVI signal cable to the connector of the computer first, then to the monitor.
 - Analog: Connect the 15-pin mini D-SUB signal cable to the connector of the computer first, then to the monitor.
4. Connect power cord to the monitor, then to a properly grounded AC outlet.
5. Assemble the cable cover.
6. Cover the connector cover.
7. Power-ON Monitor and Computer
Power-ON the monitor first, then power-ON the computer.
8. If the monitor still does not function properly, please refer to the troubleshooting section to diagnose the problem.



USER CONTROLS






Front Panel Controls

1. Power Switch : To turn ON or OFF the power.
2. Power LED : Lights up to indicate the power is turned ON.
3. + : To increase the value of the parameter in the OSD, which have been selected for adjustment.
DVI/D-SUB : To change DVI/D-SUB signal input. (without OSD display)
4. - : To decrease the value of the parameter in the OSD, which have been selected for adjustment.
AUTO : AUTO adjustment hot key without OSD display.
5. Select ▼ : To move downward in the OSD menu.
6. Select MENU : To exit and enter OSD menu.


Standard OSD Operation

1. Press any front panel key to activate the OSD menu.
2. Use Select Up or Down keys to move up or down through the menu. The parameter will be highlighted when selected.
3. Then use + or - to increase or decrease the value of the parameter, or make selection between different options.
4. To quit the OSD screen at any time during the operation, press MENU key. If no keys are pressed for a time period, the OSD automatically disappears.

OSD Function Description

Icon	Item	Function Description
	BRIGHTNESS	To increase or decrease the brightness.
	CONTRAST	To increase or decrease the contrast.
	ANALOG* CONTRAST	To increase or decrease the contrast; fine adjustment. We recommend that CONTRAST is first set to 50.
	AUTO* CONTRAST	Adjusts the image displayed for non-standard video inputs.
	COLOR TEMPERATURE	Pressing “-” or “+” to select 9300, 7500, 5500, NATIVE and USER. Only when selecting USER, you can make adjustments to the R/G/B content, otherwise not. Press + and - simultaneously to restore to factory default setting.
	AUTO ADJUST*	Press + to turn on this function. The Auto-Adjust will automatically adjust V-Position, H-Position, H.Size, and Fine, the whole process takes about 5 seconds.
	LEFT/RIGHT*	To move the screen toward left or right.
	DOWN/UP*	To move the screen upward or downward.
	H.SIZE*	The dot clock is fine-adjusted after auto adjust.
	FINE*	To increase or decrease the snow noise of the image.
YUV	SATURATION	To increase or decrease the saturation.
	HUE	To increase or decrease the hue.
	FLESH TONE	To adjust the colors of natural colors.

*: Analog input only

Icon	Item	Function Description
	LANGUAGE	Select among English, French, Italian, Deutsch and Spanish.
	RECALL DEFAULTS	To return the monitor to its default settings.
	OSD TIMEOUT	The OSD menu will stay as long as it is in use. In the OSD TIMEOUT menu you can select how long the monitor waits after the last touch of a button to shut off the OSD menu. The preset choices are 10, 20, 30, 45, 60 and 90 seconds.
	OSD LEFT/RIGHT	To move the OSD position horizontally on the screen. When the "+" key is pressed, the OSD control menu will move to the right side of the screen. Likewise when the "-" key is pressed, the OSD control menu will move to the left side.
	OSD DOWN/UP	To move the OSD position vertically on the screen. When the "+" key is pressed, the OSD control menu will move to the up side of the screen. Likewise when the "-" key is pressed, the OSD control menu will move to the lower side.
	EXPANSION	The image can be expanded to 1280 x 1024, regardless of the resolution. - selects no + selects yes

Information	Indicates the current resolution, V-Frequency(FV), and H-Frequency(FH).
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OSD Messages

NO SIGNAL INPUT	This message gives a warning when no signal is present.
OUT OF RANGE	This function gives a recommendation of the optimized resolution and refresh rate. After the power is turned on or there is a change of input signal or the video signal doesn't have proper timing, the Out Of Range menu will appear.

Note : For above adjustment action, press + and - simultaneously will return to the factory default setting.

TROUBLESHOOTING

Before sending your LCD monitor for servicing, please check the troubleshooting list below to see if you can self-diagnose the problem.

Problems	Current Status	Remedy
No Picture	LED ON	<ul style="list-style-type: none"> • Using OSD, adjust brightness and contrast to maximum or reset to their default settings. • Check the signal input, "DVI" or "D-SUB".
	LED OFF	<ul style="list-style-type: none"> • Check the power switch. • Check if AC power cord is properly connected to the AC adapter.
	LED displays amber color	<ul style="list-style-type: none"> • Check if video signal cable is properly connected at the back of monitor.
		<ul style="list-style-type: none"> • Check if the power of computer system is ON.
Abnormal Picture	Unstable Picture	<ul style="list-style-type: none"> • Check if the specification of graphics adapter and monitor is in compliance which may be causing the input signal frequency mismatch.
	Display is missing, center shift, or too small or too large in display size	<ul style="list-style-type: none"> • Using OSD, adjust EXPANSION, H.SIZE, FINE, LEFT/RIGHT and DOWN/UP with non-standard signals.
		<ul style="list-style-type: none"> • Using OSD, in case of missing full-screen image, please select other resolution or other vertical refresh timing. • Wait for a few seconds after adjusting the size of the image before changing or disconnecting the signal cable or powering OFF the monitor.

SPECIFICATION

Model Name	MultiSync LCD1700NX
LCD Display	
Display Type	17" TFT LCD
Display Area (H x W)	338 x 270 mm / 13.3 inches x 10.6 inches
Contrast Ratio	400:1 (Typ.)
Brightness	230 cd/m2 (Typ.)
Viewing Angle	170°H, 170°V (Typ.)
Operational Features	
Display Colors	Over 16 million colors
Resolution	Analog : SXGA (1280 x 1024) at 75* Hz maximum. Digital : SXGA (1280 x 1024) at 60* Hz maximum.
Synchronization Range	Analog : Horizontal 31.5 kHz to 80 kHz , Vertical 56 Hz to 75 Hz Digital : Horizontal 31.5 kHz to 67.5 kHz , Vertical 56 Hz to 75 Hz
Input Signal	ANALOG 0.7 Vp-p / 75 Ohms Digital Input : DVI
Input Connector	15-pin D-sub, 24-pin DVI-D
Users Controls	
Front Panel Controls	Power On / Off, MENU, Select DOWN(▼), Value (+ / -), DVI / D-SUB
OSD Controls	Contrast, Brightness, H-Position**, V-Position**, Fine**, H.Size**, Left / Right**, Down / Up**, Expansion, Factory Defaults, Auto-Adjust**, Color Temperature, Saturation, Hue, Flesh Tone, Language, Information.
Physical Specification	
Dimension (W x H x D)	434 x 437 x 220 (mm) / 17.1 x 17.2 x 8.7 (inches)
Net Weight	6.2 Kg / 13.7 lbs.
Power	
Power Saving	VESA DPMS standard
Power Supply	AC 100-240 V @ 50 / 60 Hz
Current Rating	1.50 A @ 100-120 V, 0.75 A @ 220-240 V
Regulation	
Safety & EMI	UL, C-UL, TÜV-GS, TÜV-Ergonomie, FCC-B, CE, Energy Star, TCO'95 (Black model), TCO'99 (White model)
Environmental Considerations	
Operating Temperature	5°C to 35°C / 41°F to 95°F
Humidity	30% to 80%
Feet	0 to 12,000 Feet
Storage Temperature	-10°C to 60°C / 14°F to 140°F
Humidity	10% to 85%
Feet	0 to 40,000 Feet

* NEC-Mitsubishi Electronics Display cites recommended resolution at 60 Hz for optimal display performance.

** Analog input only .

All specifications are subject to change without notice.

References

- **BBS** **(978) 742-8706**
 NEC-Mitsubishi Electronics Display of America Remote Bulletin Board System is an electronic service accessible with your system and a modem. Communication parameters are: 300/1200/2400/9600/14.4k/28.8k/33.6k bps, no parity, 8-data bits, 1 stop bit
- **Customer Service/ Technical Support** **(800) 632-4662**
Fax **(978) 742-7049**
- **Electronic Channels:**
 Internet e-mail: tech-support@necmitsubishi.com
 Internet ftp site: ftp.necmitsubishi.com
 World Wide Web: http://www.necmitsubishi.com
 Product Registration: http://www.necmitsubishi.com/productregistration
 European Operations: http://www.nec-mitsubishi.com
 Windows® 95/98/Me/2000/XP INF File: http://support.necmitsubishi.com/software.htm
 then download the file NECMSINF.ZIP
- **FastFacts™ Information** **(800) 366-0476**

INFORMATION	DESCRIPTION	DOCUMENT #
Glossary	Definition of terms related to functions, features and installation of the MultiSync® monitor	900203
More Information	Names and addresses of other groups involved in standards and features of the MultiSync monitor	900204
Macintosh Connection	Detailed information on connecting the MultiSync monitor to a Macintosh	153006
Healthy Work Environment	Detailed information on setting up a healthy work environment	900108
- **Literature & Sales Info** **(800) NEC-INFO [(800) 632-4636]**
- **MultiSync Fulfillment** **(800)632-4662**
 [For software & accessories]
- **TeleSales** **(800) 284-4484**

Limited Warranty

NEC-Mitsubishi Electronics Display of America, Inc. (hereinafter "NMD-A") warrants this Product to be free from defects in material and workmanship and, subject to the conditions set forth below, agrees to repair or replace (at NMD-A's sole option) any part of the enclosed unit which proves defective for a period of three (3) years from the date of first consumer purchase. Spare parts are warranted for ninety (90) days. Replacement parts or unit may be new or refurbished and will meet specifications of the original parts or unit.

This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This warranty is limited to the original purchaser of the Product and is not transferable. This warranty covers only NMD-A-supplied components. Service required as a result of third party components is not covered under this warranty. In order to be covered under this warranty, the Product must have been purchased in the U.S.A. or Canada by the original purchaser. This warranty only covers Product distribution in the U.S.A. or Canada by NMD-A. No warranty service is provided outside of the U.S.A. or Canada. Proof of Purchase will be required by NMD-A to substantiate date of purchase. Such proof of purchase must be an original bill of sale or receipt containing name and address of seller, purchaser, and the serial number of the product.

It shall be your obligation and expense to have the Product shipped, freight prepaid, or delivered to the authorized reseller from whom it was purchased or other facility authorized by NMD-A to render the services provided hereunder in either the original package or a similar package affording an equal degree of protection. All Products returned to NMD-A for service MUST have prior approval, which may be obtained by calling 1-800-632-4662. The Product shall not have been previously altered, repaired, or serviced by anyone other than a service facility authorized by NMD-A to render such service, the serial number of the product shall not have been altered or removed. In order to be covered by this warranty the Product shall not have been subjected to displaying of fixed images for long periods of time resulting in image persistence (afterimage effects), accident, misuse or abuse or operated contrary to the instructions contained in the User's Manual. Any such conditions will void this warranty.

NMD-A SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR OTHER TYPES OF DAMAGES RESULTING FROM THE USE OF ANY NMD-A PRODUCT OTHER THAN THE LIABILITY STATED ABOVE. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES OR THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU.

This Product is warranted in accordance with the terms of this limited warranty. Consumers are cautioned that Product performance is affected by system configuration, software, the application, customer data, and operator control of the system, among other factors. While NMD-A Products are considered to be compatible with many systems, specific functional implementation by the customers of the Product may vary. Therefore, suitability of a Product for a specific purpose or application must be determined by consumer and is not warranted by NMD-A.

For the name of your nearest authorized NEC-Mitsubishi Electronics Display service facility, contact NEC-Mitsubishi Electronics Display of America at 1-800-632-4662.

Declaration of the Manufacturer

We hereby certify that the color monitor
MultiSync® LCD1700NX™
is in compliance with
Council Directive 73/23/EEC:
– EN 60950

Council Directive 89/336/EEC:
– EN 55022
– EN 61000-3-2
– EN 61000-3-3
– EN 55024

and marked with



NEC-Mitsubishi Electric Visual
Systems Corporation
4-13-23, Shibaura,
Minato-Ku
Tokyo 108-0023, Japan

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The NEC-Mitsubishi Electronics Display of America product(s) discussed in this document are warranted in accordance with the terms of the Limited Warranty Statement accompanying each product. However, actual performance of each such product is dependent upon factors such as system configuration, customer data and operator control. Since implementation by customers of each product may vary, the suitability of specific product configurations and applications must be determined by the customer and is not warranted by NEC-Mitsubishi Electronics Display of America.

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TCO'99**MultiSync LCD1700NX White Model**

Congratulations! You have just purchased a TCO'99 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also to the further development of environmentally adapted electronics products.

**Why do we have environmentally labelled computers?**

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

What does labelling involve?

This product meets the requirements for the TCO'99 scheme which provides for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Svenska Naturskyddsforeningen (The Swedish Society for Nature Conservation) and Statens Energimyndighet (The Swedish National Energy Administration).

The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

Environmental Requirements**Flame retardants**

Flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. Most flame retardants contain bromine or chloride and these are related to another group of environmental toxins, PCBs, which are suspected to give rise to severe health effects, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO'99 demand requires that plastic components weighing more than 25 grams must not contain flame retardants with organically bound chlorine and bromine. Flame retardants are allowed in the printed circuit boards since no substitutes are available.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning.

TCO'99 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colour-generating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses.

TCO'99 requirement states that batteries, the colour-generating layers of display screens and the electrical or electronics components must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches. Mercury damages the nervous system and is toxic in high doses.

TCO'99 requirement states that batteries may not contain any Mercury. It also demands that no mercury is present in any of the electrical or electronics components associated with the display unit.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO'99 requirement; Neither CFCs nor HCFCs may be used during the manufacturing and assembly of the product or its packaging.

*Bio-accumulative is defined as substances which accumulate within living organisms.

**Lead, Cadmium and Mercury are heavy metals which are Bio-accumulative.

To obtain complete information on the environmental criteria document, order from:

TCO Development Unit

SE-114 94 Stockholm

SWEDEN

FAX Number: +46 8 782 92 07

E-mail (Internet): development@tco.se

You may also obtain current information on TCO'99 approved and labelled products by visiting their website at: <http://www.tco-info.com/>

TCO'95**MultiSync LCD1700NX Black Model**

Congratulations! You have just purchased a TCO'95 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also, to the further development of environmentally adapted electronics products.

**Why do we have environmentally labelled computers?**

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

What does labelling involve?

This product meets the requirements for the TCO'95 scheme which provides for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability. TCO'95 is a co-operative project between TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

Environmental Requirements**Brominated flame retardants**

Brominated flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. These are related to another group of environmental toxins, PCBs, which are suspected to give rise to similar harm, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO'95 demand requires that plastic components weighing more than 25 grams must not contain organically bound chlorine and bromine.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning.

TCO'95 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colourgenerating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses.

TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of cadmium. The colourgenerating layers of display screens must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays, switches, and back-light systems. Mercury damages the nervous system and is toxic in high doses.

TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of mercury. It also demands that no mercury is present in any of the electrical or electronics components concerned with the display unit, except the back-light system.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards and in the manufacturing of expanded foam for packaging. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO'95 requirement; Neither CFCs nor HCFCs may be used during the manufacturing of the product or its packaging.

*Bio-accumulative is defined as substances which accumulate within living organisms.

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MultiSync LCD1700NX

User's Manual

Uživatelská příručka

Bedienerhandbuch

Οδηγίες Χρήσης

Manual del usuario

Manuel Utilisateur

Manuale utente

Gebruikershandleiding

Podręcznik użytkownika

Руководство пользователя

Kullanıcı Klavuzu

NEC

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against radio frequency interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception (this can be determined by turning this equipment off and on), the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between this equipment and the receiver.
- Connect this equipment to an outlet on a circuit different from which the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

If necessary, the user should contact the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Caution:

To comply with the limits for an FCC Class B computing device, always use the AC adapter, the shielded signal cord and power cord supplied with this unit.

Caution to the user

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice of Compliance Canadian Interference-causing Equipment Regulations

DOC Compliance Notice

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

DOC Avis de Conformation

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectriques édicté par le ministère des Communications du Canada.

DECLARATION OF CONFORMITY

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

U.S. Responsible Party:	NEC-Mitsubishi Electronics Display of America, Inc.
Address:	1250 North Arlington Heights Road, Suite 500
	Itasca, Illinois 60143-1248
Tel.No.:	(630)467-3000

Type of Product:	Computer Monitor
Equipment Classification:	Class B Peripheral
Model:	MultiSync LCD1700NX



*We hereby declare that the equipment specified above
conforms to the technical standards as specified in the FCC Rules.*

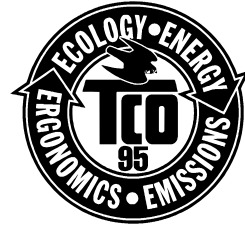
Windows is a registered trademark of Microsoft Corporation. NEC is a registered trademark of NEC Corporation. All other brands and product names are trademarks or registered trademarks of their respective owners.

ENERGYSTAR is a U.S. trademark.

As an ENERGYSTAR® Partner, NEC-Mitsubishi Electronics Display of America, Inc. has determined that this product meets the ENERGYSTAR guidelines for energy efficiency. The ENERGYSTAR emblem does not represent EPA endorsement of any product or service.

MultiSync LCD1700NX (black model)

Congratulations! You have just purchased a TCO'95 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also, to the further development of environmentally adapted electronics products.



Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

What does labelling involve?

This product meets the requirements for the TCO'95 scheme which provides for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

TCO'95 is a co-operative project between TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

Environmental Requirements

Brominated flame retardants

Brominated flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. These are related to another group of environmental toxins, PCBs, which are suspected to give rise to similar harm, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO'95 demand requires that plastic components weighing more than 25 grams must not contain organically bound chlorine and bromine.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning.

TCO'95 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colourgenerating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses.

TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of cadmium. The colourgenerating layers of display screens must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches, Mercury damages the nervous system and is toxic in high doses.

TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of mercury. It also demands that no mercury is present in any of the electrical or electronics components concerned with the display unit. Mercury is, for the time being, permitted in the back light system of flat panel monitors as there today is no commercially available alternative. TCO aims on removing this exception when a mercury free alternative is available.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards and in the manufacturing of expanded foam for packaging. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO'95 requirement; Neither CFCs nor HCFCs may be used during the manufacturing of the product or its packaging.

* Bio-accumulative is defined as substances which accumulate within living organisms.

** Lead, Cadmium and Mercury are heavy metals which are Bio-accumulative.

To obtain complete information on the environmental criteria document, order from:

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SE-114 94 Stockholm

SWEDEN

FAX Number: +46 8 782 92 07

E-mail (Internet): development@tco.se

You may also obtain current information on TCO'95 approved and labelled products by visiting their website at:
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MultiSync LCD1700NX (white model)

Congratulations! You have just purchased a TCO '99 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also to the further development of environmentally adapted electronics products.



Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

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The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

Environmental Requirements

Flame retardants

Flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. Most flame retardants contain bromine or chloride and these are related to another group of environmental toxins, PCBs, which are suspected to give rise to severe health effects, including reproductive damage in fish-eating birds and mammals, due to the bioaccumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO '99 demand requires that plastic components weighing more than 25 grams must not contain flame retardants with organically bound chlorine and bromine. Flame retardants are allowed in the printed circuit boards since no substitutes are available.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning. TCO '99 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colourgenerating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses.

TCO '99 requirement states that batteries, the colourgenerating layers of display screens and the electrical or electronics components must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches, Mercury damages the nervous system and is toxic in high doses.

TCO '99 requirement states that batteries may not contain any Mercury. It also demands that no mercury is present in any of the electrical or electronics components associated with the display unit.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO '99 requirement; Neither CFCs nor HCFCs may be used during the manufacturing and assembly of the product or its packaging.

* Bio-accumulative is defined as substances which accumulate within living organisms.

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SE-114 94 Stockholm

SWEDEN

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E-mail (Internet): development@tco.se





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LCD Monitor

MultiSync LCD1700NX User's Manual

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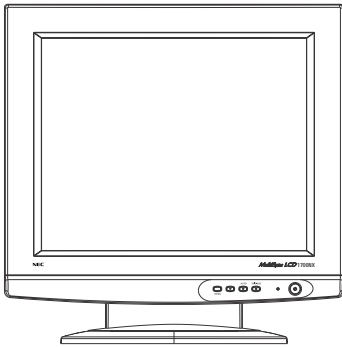
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	Caution	
CAUTION:	TO REDUCE THE RISK OF ELECTRIC SHOCK, MAKE SURE POWER CORD IS UNPLUGGED FROM WALL SOCKET. TO FULLY DISENGAGE THE POWER TO THE UNIT, PLEASE DISCONNECT THE POWER CORD FROM THE AC OUTLET. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL	
	This symbol warns user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any part inside this unit.	
	This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.	

	Warning	
TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. ALSO, DO NOT USE THIS UNIT'S POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLETS UNLESS THE PRONGS CAN BE FULLY INSERTED.		
REFRAIN FROM OPENING THE CABINET AS THERE ARE HIGH VOLTAGE COMPONENTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		

Unpacking

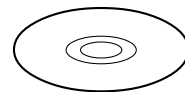
Please check the following items are present when you unpack the box, and save the packing materials in case you will need to ship or transport the monitor in future.



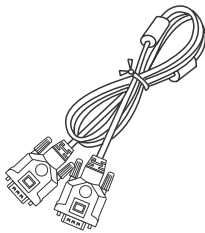
- LCD Monitor



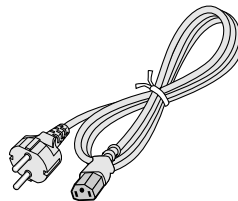
- User's Manual



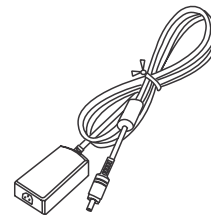
- CD ROM



- Video Signal Cable (D-Sub)



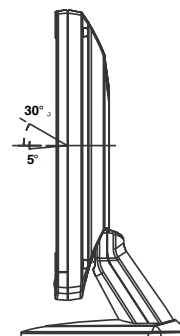
- Power Cord



- AC Adapter (LSE9901B1970)

Screen Position Adjustment

In order to optimize the best viewing position, you can adjust the tilt of the monitor by using both of your hands to hold the edges of the monitor as shown in the figure beside. The monitor can be adjusted 30 degrees upwards or 5 degrees downwards as shown on this drawing.

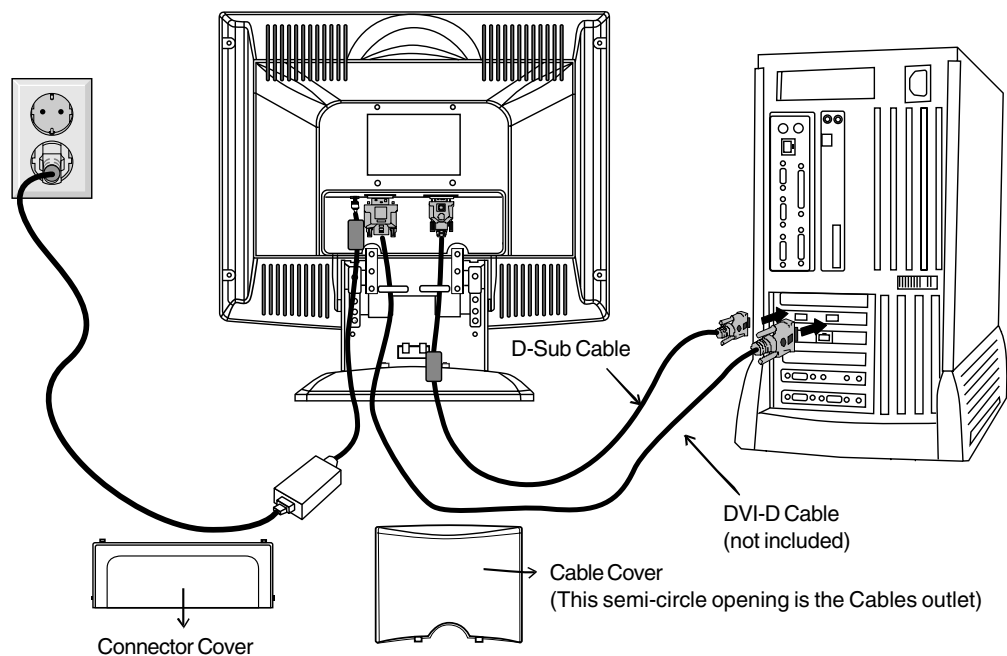


Installation

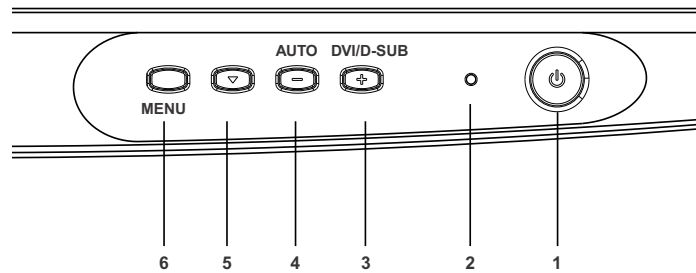
To install the monitor to your host system, please follow the steps as given below:

Steps

1. Open the connector cover first.
2. And then open the cable cover.
3. Connect Video Cable
 - a. Make sure both the monitor and computer are powered-OFF.
 - b. Digital: Connect the DVI signal cable to the connector of the computer first, then to the monitor.
Analog: Connect the 15-pin mini D-SUB signal cable to the connector of the computer first, then to the monitor.
4. Connect power cord
Check first to make sure that the power cord you use is the correct type required for your area. Connect the AC Adapter cord to the monitor.
Connect the power cord to the AC Adapter, then to a properly grounded AC outlet.
5. Assemble the cable cover.
6. Cover the connector cover.
7. Power-ON Monitor and Computer
Power-ON the monitor first, then power-ON the computer.
This sequence is very important.
8. If the monitor still does not function properly, please refer to the troubleshooting section to diagnose the problem.



User Controls








Front Panel Controls

1. Power Switch To turn ON or OFF the power.
2. Power LED Lights up to indicate the power is turned ON.
3. + To increase the value of the parameter in the OSD, which have been selected for adjustment.
DVI/D-SUB To change DVI/D-SUB signal input (without OSD display).
4. - To decrease the value of the parameter in the OSD, which have been selected for adjustment.
AUTO AUTO adjustment hot key without OSD display.
5. Select ▼ To move downward in the OSD menu.
6. Select MENU To exit and enter OSD menu.

Standard OSD Operation

1. Press any front panel key to activate the OSD menu.
2. Use Select Down key to move down through the menu. The parameter will be highlighted when selected.
3. Then use “+” or “-” to increase or decrease the value of the parameter, or make selection between different options.
4. To quit the OSD screen at any time during the operation, press MENU key. If no keys are pressed for a time period, the OSD automatically disappears.


OSD Function Description

Icon	Item	Function Description
	BRIGHTNESS	To increase or decrease the brightness.
	CONTRAST	To increase or decrease the contrast; coarse adjustment. Recommended value is 50.
	ANALOG CONTRAST*	To increase or decrease the contrast; fine adjustment. We recommend that CONTRAST is first set to 50.
	AUTO CONTRAST*	Adjusts the image displayed for non-standard video inputs.
	COLOR TEMPERATURE	Pressing “-” or “+” to select 9300, 7500, 5500, NATIVE and USER. Only when selecting USER, you can make adjustments to the R/G/B content, otherwise not. Press “+” and “-” simultaneously to restore to factory default setting.
	AUTO ADJUST*	Press “+” to turn on this function. The Auto-Adjust will automatically adjust V-Position, H-Position, H. Size, and Fine, the whole process takes about 5 seconds.
	LEFT / RIGHT*	To move the screen toward left or right.
	DOWN / UP*	To move the screen upward or downward.
	H. SIZE*	Adjusts the horizontal size by increasing or decreasing this setting. Should the “Auto Adjust function” do not give you a satisfactory picture setting, a further tuning can be performed using the “H.Size” function (dot clock). For this a Moiré test pattern could be used. This function may alter the width of the picture. Use Left/Right Menu to center the image on the screen. If the H.Size is wrongly calibrated, the result would look like on this drawing. The image should be homogeneous.
	 <p>When H.SIZE is wrong When H.SIZE is improved When H.SIZE is correct</p>	
	FINE*	FINE (Analog input only) Improves focus, clarity and image stability by increasing or decreasing this setting. Should the “Auto Adjust function” and the “H.Size” function do not give you a satisfactory picture setting, a fine tuning can be performed using the “Fine” function. It improves focus, clarity and image stability by increasing or decreasing this setting. For this a Moiré test pattern could be used. If the Fine value is wrongly calibrated, the result would look like on this drawing. The image should be homogeneous.
	 <p>When FINE value is wrong When FINE value is correct</p>	

Note: For above adjustment action, press “+” and “-” simultaneously will return to the factory defaults setting.

* Analog input only

OSD Function Description – continued

Icon	Item	Function Description
YUV	SATURATION	To increase or decrease the saturation.
	HUE	To increase or decrease the hue.
	FLESH TONE	To adjust the colors of natural colors.
	LANGUAGE	Select among English, French, Italian, German and Spanish.
	RECALL DEFAULTS	To return the monitor to its default settings.
	OSD TIMEOUT	The OSD menu will stay as long as it is in use. In the OSD TIMEOUT menu you can select how long the monitor waits after the last touch of a button to shut off the OSD menu. The preset choices are 10, 20, 30, 45, 60 and 90 seconds.
	OSD LEFT / RIGHT	To move the OSD position horizontally on the screen. When the "+" key is pressed, the OSD control menu will move to the right side of the screen. Likewise when the "-" key is pressed, the OSD control menu will move to the left side.
	OSD DOWN / UP	To move the OSD position vertically on the screen. When the "+" key is pressed, the OSD control menu will move to the up side of the screen. Likewise when the "-" key is pressed, the OSD control menu will move to the lower side.
	EXPANSION	The image can be expanded to 1280 x 1024, regardless of the resolution. - selects no + selects yes

INFORMATION	Indicates the current resolution. V-Frequency (FV) and H-Frequency (FH).
-------------	--

OSD Messages

NO SIGNAL INPUT	This message gives a warning when no signal is present.
OUT OF RANGE	This function gives a recommendation of the optimized resolution and refresh rate. After the power is turned on or there is a change of input signal or the video signal doesn't have proper timing, the Out of Range menu will appear.

Note: For above adjustment action, press "+" and "-" simultaneously will return to the factory defaults setting.

Recommended Use

Safety Precautions and Maintenance



FOR OPTIMUM PERFORMANCE, PLEASE NOTE THE FOLLOWING WHEN SETTING UP AND USING THE MULTISYNC LCD COLOR MONITOR:



- **DO NOT OPEN THE MONITOR.** There are no user serviceable parts inside and opening or removing covers may expose you to dangerous shock hazards or other risks. Refer all servicing to qualified service personnel.
- Do not spill any liquids into the cabinet or use your monitor near water.
- Do not insert objects of any kind into the cabinet slots, as they may touch dangerous voltage points, which can be harmful or fatal or may cause electric shock, fire or equipment failure.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Do not place this product on a sloping or unstable cart, stand or table, as the monitor may fall, causing serious damage to the monitor.
- When operating the MultiSync LCD1700NX with a 220 - 240 V AC power source in Europe except UK, use the power cord provided with the monitor.
- In the UK, a BS approved power cord with a moulded plug has a Black (five Amps) fuse installed for use with this equipment. If a power cord is not supplied with this equipment please contact your supplier.
- When operating the MultiSync LCD1700NX with a 220 - 240 V AC power source in Australia, use the power cord provided with the monitor.
- For all other cases, use a power cord that matches the AC voltage of the power outlet and has been approved by and complies with the safety standard of your particular country.
- Use supplied AC Adapter. Do not place any objects onto the AC Adapter and do not use the AC Adapter outdoors.
- Do not place any objects onto the monitor and do not use the monitor outdoors.
- The inside of the fluorescent tube located within the LCD monitor contains mercury. Please follow the bylaws or rules of your municipality to dispose of the tube properly.

Immediately unplug your monitor from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the monitor.
- If the monitor has been exposed to rain or water.
- If the monitor has been dropped or the cabinet damaged.
- If the monitor does not operate normally by following operating instructions.
- Do not bend power cord.
- Do not use monitor in high temperature, humid, dusty, or oily areas.
- If glass is broken, handle with care.
- Do not cover vent on monitor.
 - If monitor or glass is broken, do not come in contact with the liquid crystal and handle with care.
 - Allow adequate ventilation around the monitor so that heat can properly dissipate. Do not block ventilated openings or place the monitor near a radiator or other heat sources. Do not put anything on top of monitor.
 - The power cable connector is the primary means of detaching the system from the power supply. The monitor should be installed close to a power outlet which is easily accessible.
 - Handle with care when transporting. Save packaging for transporting.



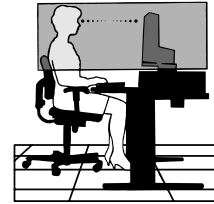
CAUTION

Recommended Use – continued

CORRECT PLACEMENT AND ADJUSTMENT OF THE MONITOR CAN REDUCE EYE, SHOULDER AND NECK FATIGUE. CHECK THE FOLLOWING WHEN YOU POSITION THE MONITOR.



- For optimum performance, allow 20 minutes for warm-up.
- Adjust the monitor height so that the top of the screen is at or slightly below eye level. Your eyes should look slightly downward when viewing the middle of the screen.
- Position your monitor no closer than 40 cm and no further away than 70 cm from your eyes. The optimal distance is 50 cm.
- Rest your eyes periodically by focusing on an object at least 6 m away. Blink often.
- Position the monitor at a 90° angle to windows and other light sources to minimize glare and reflections. Adjust the monitor tilt so that ceiling lights do not reflect on your screen.
- If reflected light makes it hard for you to see your screen, use an anti-glare filter.
- Clean the LCD monitor surface with a lint-free, non-abrasive cloth. Avoid using any cleaning solution or glass cleaner!
- Adjust the monitor's brightness and contrast controls to enhance readability.
- Use a document holder placed close to the screen.
- Position whatever you are looking at most of the time (the screen or reference material) directly in front of you to minimize turning your head while you are typing.
- Avoid displaying fixed patterns on the monitor for long periods of time to avoid image persistence (after-image effects).
- Get regular eye checkups.

**Ergonomics**


To realize the maximum ergonomics benefits, we recommend the following:

- Use the preset Size and Position controls with standard signals
- Use the preset Color Setting
- Use non-interlaced signals with a vertical refresh rate between 60 - 75 Hz
- Do not use primary color blue on a dark background, as it is difficult to see and may produce eye fatigue to insufficient contrast

Troubleshooting

Before sending your LCD monitor for servicing, please check the troubleshooting list below to see if you can self-diagnose the problem.

Problems	Current Status	Remedy
No Picture	LED ON	<ul style="list-style-type: none"> Using OSD, adjust brightness and contrast to maximum or reset to their default settings. Check the signal input, "DVI" or "D-SUB".
	LED OFF	<ul style="list-style-type: none"> Check the power switch. Check if AC power cord is properly connected to the AC adapter.
	LED displays amber color	<ul style="list-style-type: none"> Check if video signal cable is properly connected at the back of monitor. Check if the power of computer system is ON.
Abnormal Picture	Unstable Picture	<ul style="list-style-type: none"> Check if the specification of graphics adapter and monitor is in compliance which may be causing the input signal frequency mismatch.
	Display is missing, center shift, or too small or too large in display size	<ul style="list-style-type: none"> Using OSD, adjust EXPANSION, H.SIZE, FINE, LEFT / RIGHT, and DOWN / UP with non-standard signals. Using OSD, in case of missing full-screen image, please select other resolution or other vertical refresh timing. Wait for a few seconds after adjusting the size of the image before changing or disconnecting the signal cable or powering OFF the monitor.

Declaration of the Manufacturer
<p>We hereby certify that the color monitor MultiSync LCD1700NX is in compliance with Council Directive 73/23/EEC:</p> <ul style="list-style-type: none"> – EN 60950 <p>Council Directive 89/336/EEC:</p> <ul style="list-style-type: none"> – EN 55022 – EN 61000-3-2 – EN 61000-3-3 – EN 55024 <p>and marked with </p> <p>NEC-Mitsubishi Electric Visual Systems Corporation 4-13-23, Shibaura, Minato-Ku Tokyo 108-0023, JAPAN</p>

Specifications

Model Name		MultiSync LCD1700NX
LCD Display		
Display Type		17" TFT LCD
Display Area (H x W)		338 x 270 mm / 13.3 inches x 10.6 inches
Contrast Ratio		400:1 (Typ.)
Viewing Angle		170°H 170°V (Typ.)
Operational Features		
Display Colors		16.7 M
Resolution	Analog:	SXGA (1280 x 1024) at 75* Hz maximum.
	Digital:	SXGA (1280 x 1024) at 60* Hz maximum.
Brightness		230 cd/m ² (Typ.)
Synchronization Range	Analog:	Horizontal 31.5 kHz to 80 kHz, Vertical 56 Hz to 75 Hz
	Digital:	Horizontal 31.5 kHz to 67.5 kHz, Vertical 56 Hz to 75 Hz
Input Signal		ANALOG 0.7 Vp-p / 75 Ohms Digital Input: DVI
Input Connector		15-pin D-sub, 24-pin DVI-D
Users Controls		
Front Panel Controls		Power On/Off, MENU, Select DOWN (▼), Value (+/-), DVI-D-SUB
OSD Controls		Contrast, Brightness, H-Position**, V-Position**, Fine**, H.Size**, Left/Right**, Down/Up**, Expansion, Factory Defaults, Auto-Adjust**, Color Temperature, Saturation, Hue, Flesh Tone, Language, Information
Physical Specification		
Dimension (W x H x D)		434 x 437 x 220 (mm) / 17.1 x 17.2 x 8.7 (inches)
Net Weight		6.2 Kg / 13.7 lbs.
Power		
Power Saving		VESA DPMS standard
Power Supply		AC 100 - 240 V @ 50 / 60 Hz
Current Rating		1.50 A @ 100 - 120 V, 0.75 A @ 220 - 240 V
Regulation		
Safety EMI & Ergonomics		UL, C-UL, TÜV-GS, TÜV-Ergonomie, FCC-B, CE, TCO'95 (Black model), TCO '99 (White model)
Environmental Considerations		
Operating Temperature		5 °C to 35 °C / 41 °F to 95 °F
Humidity		30 % to 80 %
Altitude		0 to 12,000 Feet
Storage Temperature		-10 °C to 60 °C / 14 °F to 140 °F
Humidity		10 % to 85 %
Altitude		0 to 40,000 Feet

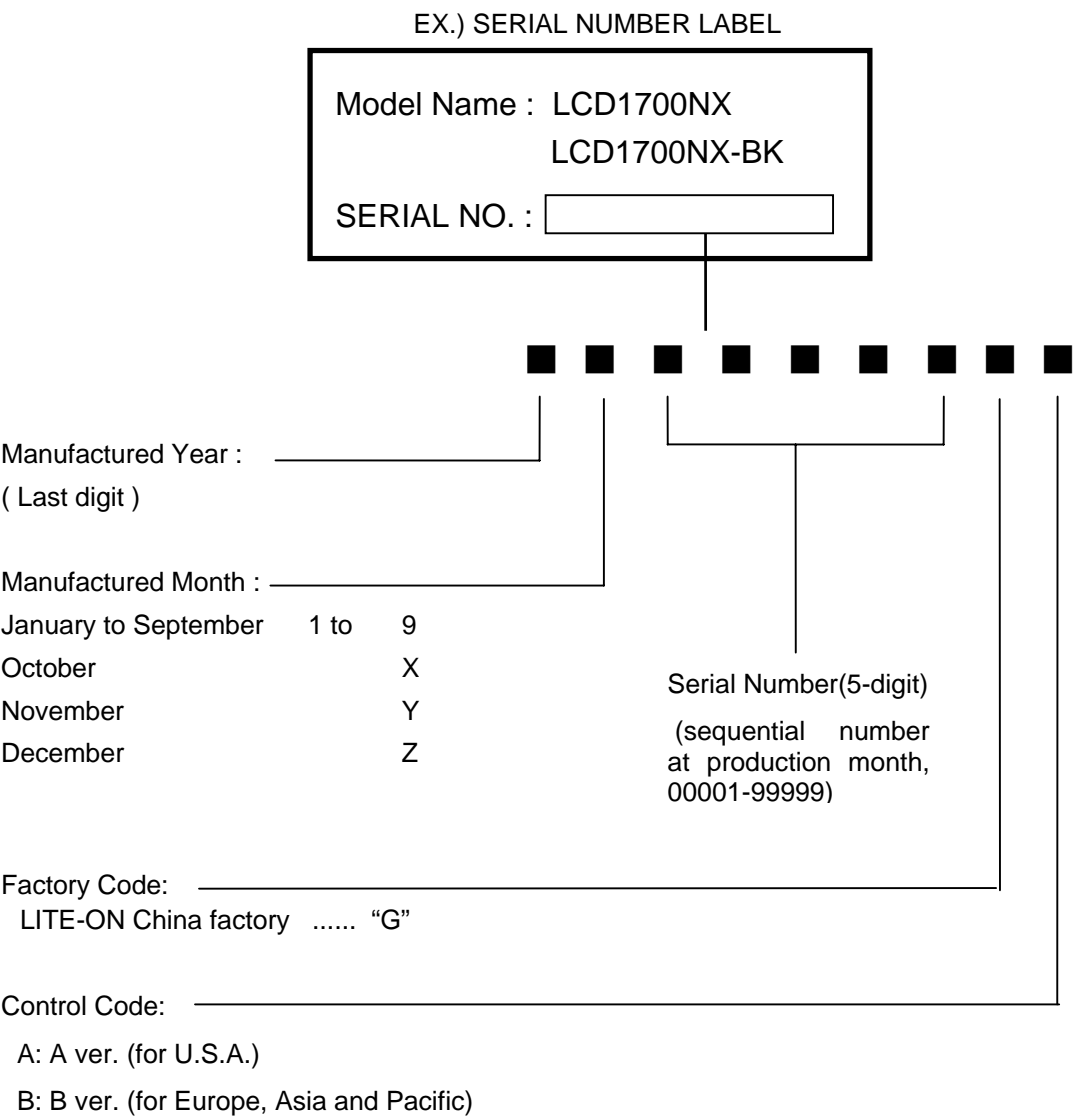
* NEC-Mitsubishi Electronics Display cites recommended resolution at 60 Hz for optimal display performance.

** Analog input only

All specifications are subject to change without notice.

Serial Number Information

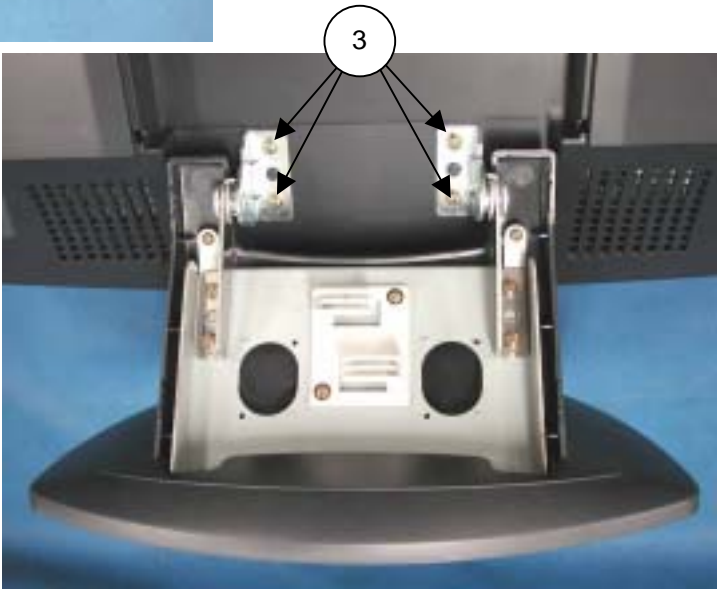
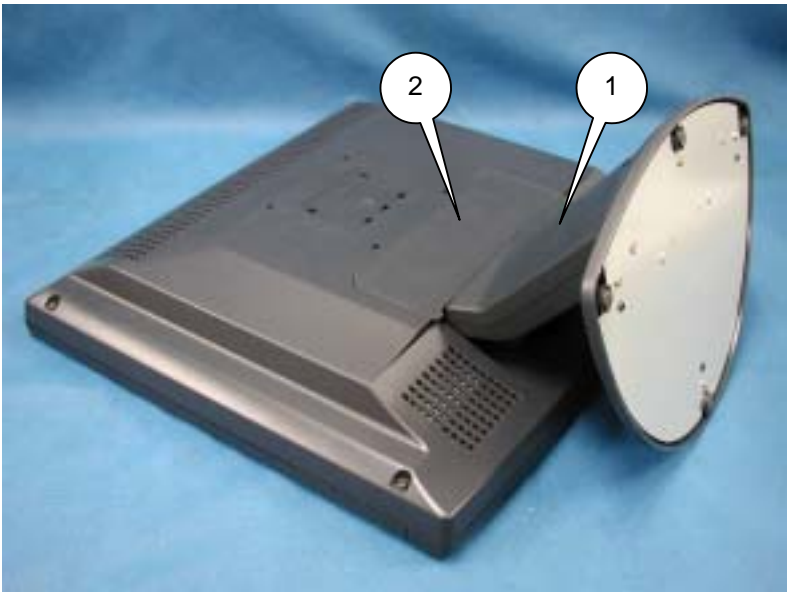
Refer to the serial number information shown below.



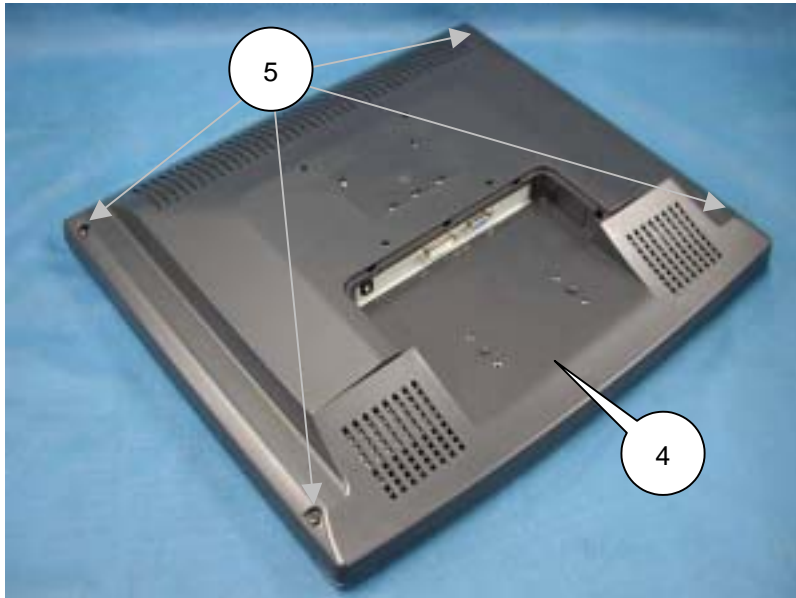
DISASSEMBLY

- Before you disassemble the set, turn off power and pull out the power plug.
- Use the proper screwdriver. If oversize or undersize screwdriver is used, screws may be damaged.
- Assembly is the opposite process of disassembly.

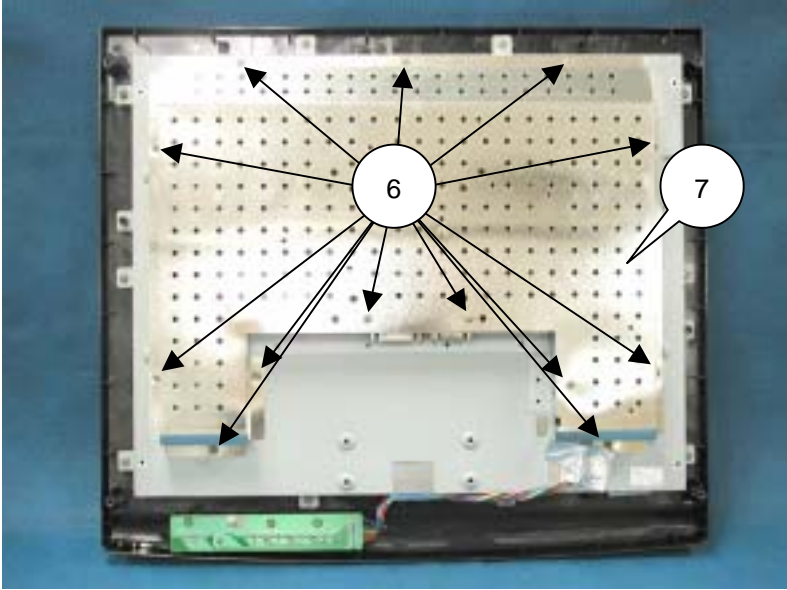
SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION	CABINET COLOR
1	7742607706-0A	79PL2141	COVER-ARM REAR-NMV-U170AT	White
1	7742607707-0A	79PL2171	COVER-ARM REAR-NMV-U170AT	Black
2	7742607686-0A	79PL2087	COVER-CABLE-NMV-U170ATA-J	White
2	7742607687-0A	79PL2168	COVER-CABLE-NMV-U170ATA	Black
3	7115240121-0A	---	SCREW-M4*12-DOUBLE WASHIER	---



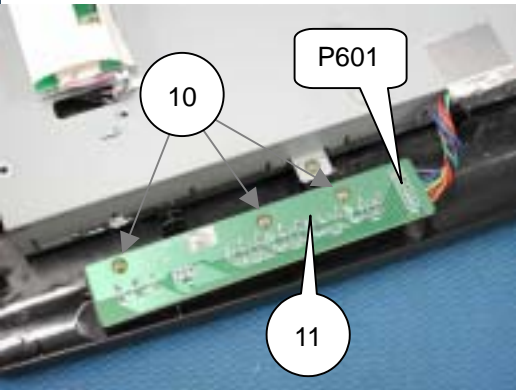
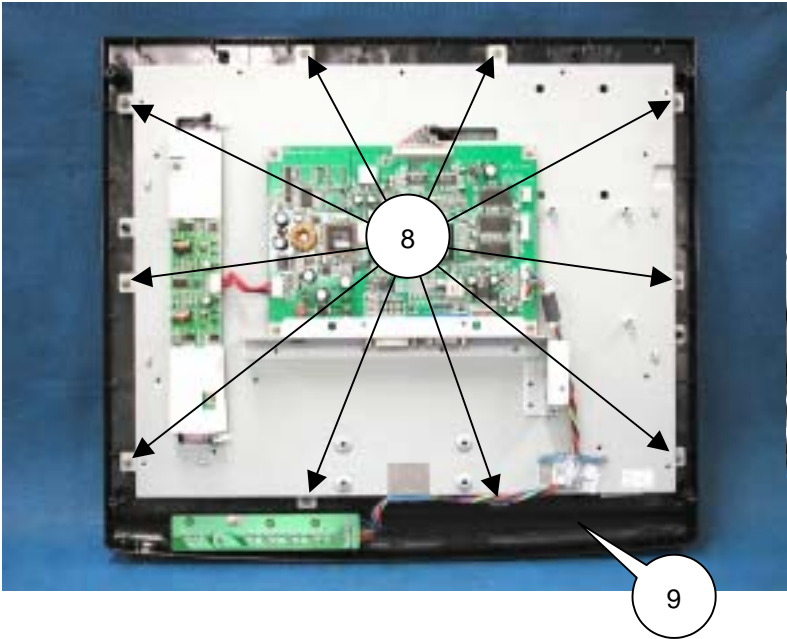
SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION	CABINET COLOR
4	7737602659-0A	79PL2086	REAR COVER ASS'Y-NMV-U170	White
4	7737602661-0A	79PL2153	REAR COVER ASS'Y-NMV-U170	Black
5	7150240162-0A	---	SCREW M4*16	White
5	7150240163-0A	---	SCREW M4*16	Black



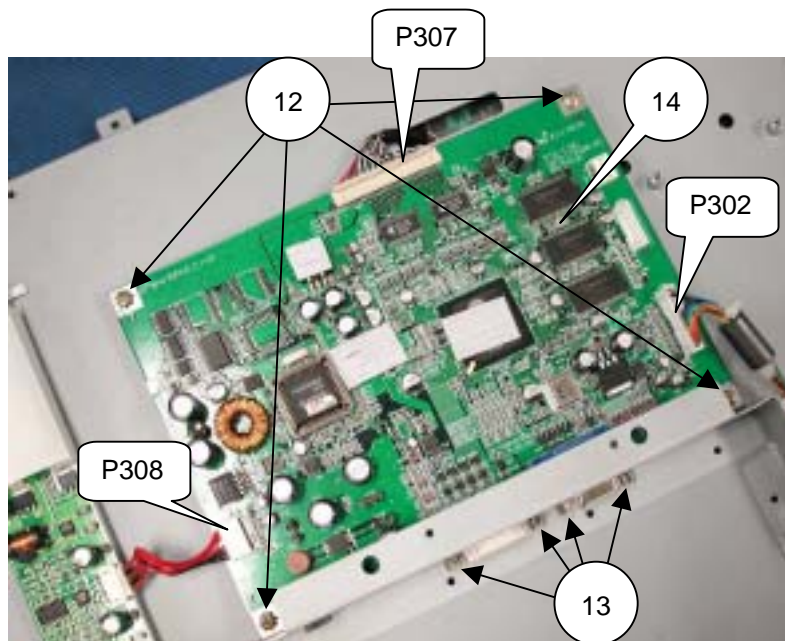
SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION
6	7150130041-0A	---	SCREW M3*4
7	7748706510-0C	---	SHIELD-CHASSIS



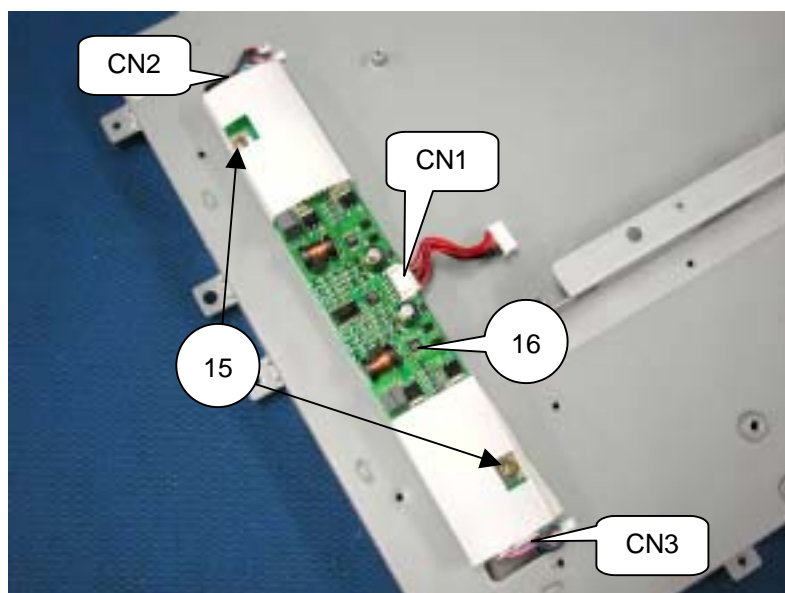
SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION	CABINET COLOR
8	7140130121	---	SCREW M3*12	---
9	7737507302-0A	79PL2084	FRONT COVER ASS'Y-NMV-U17	White
9	7737507303-0A	79PL2152	FRONT COVER ASS'Y-NMV-U17	Black
10	7140130101	---	SCREW M3*10	---
11	5113800014	79PL2090	FUNCTION KEY BD	---



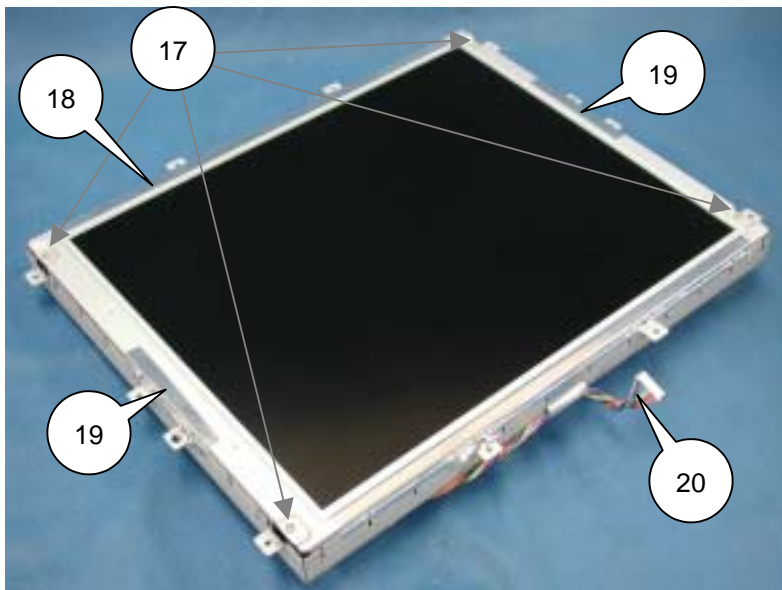
SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION
12	7110430081	---	SCREW M3*8
13	7740200890	---	SPECIAL(HEX)
14	5113300109	79PL2089	INTERFACE BD



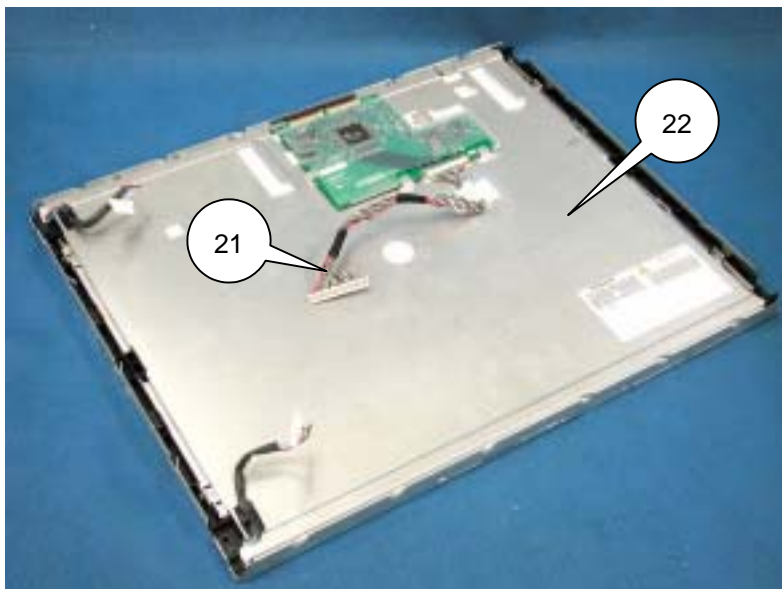
SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION
15	7110430081	---	SCREW M3*8
16	6716009410	79PL2085	INVERTER-DC-AC 19V-TAD585



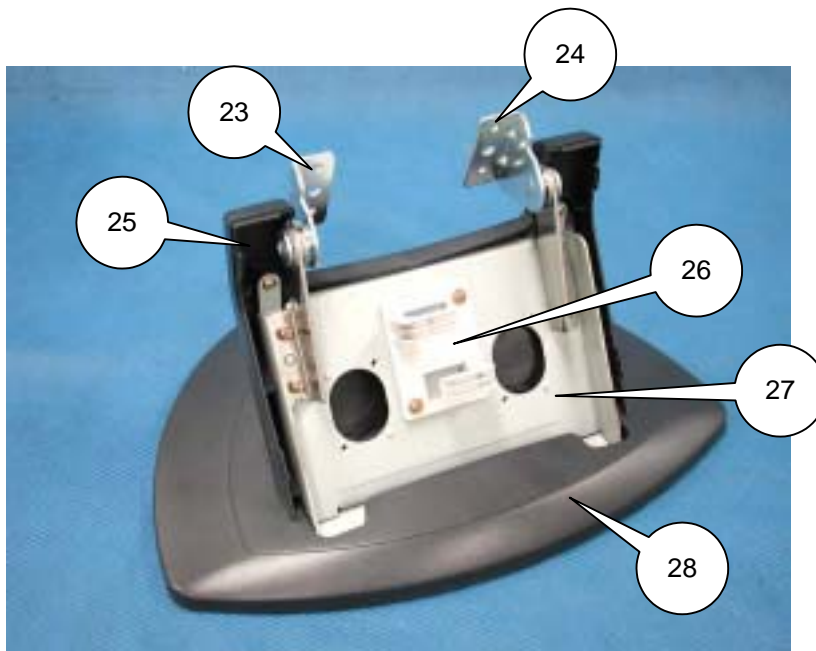
SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION
17	7110230121	---	SCREW M3*12
18	6876003010	---	ALUMINIUM TAP-W20XL0340X30M-LU
19	6876000912	---	ALUMINIUM TAP-W20XL0090X30M-LU
20	6711120170-01	79PL2117	HARNESS—12P/9P-340mm-CG170-00



SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION
21	67111300030-03	79PL2118	HARNESS—30P-190mm-20276#28(MO
22	6814002700	3A684028	LCD TX43D15VC0CAD



SYMBOL	CODE(Lite-on)	CODE(NMV)	DESCRIPTION	CABINET COLOR
23	7738000290-0A	---	HINGE-R	---
24	7738000280-0A	---	HINGE-L	---
25	7742607742-0B	79PL2142	COVER-ARM FRONT-NMV-U170A	White
25	7742607743-0B	79PL2169	COVER-ARM FRONT-NMV-U170A	Black
26	7742607766-0A	---	CABLE SUPPORT	White
26	7742607767-0A	---	CABLE SUPPORT	Black
27	7737801101-0A	---	BRACKET-STAND BASE ASS'Y	---
28	7737704456-0A	79PL2088	BASE ASS'Y-NMV-U170ATA-J	White
28	7737704457-0A	79PL2170	BASE ASS'Y-NMV-U170ATA-JU	Black



ADJUSTMENT PROCEDURES

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1. Application

This specification should be applied to the adjustment of the LCD1700NX set.

2. Basic Operation

2.1 General Conditions

Unless otherwise specified, adjustments should be carried out under the following conditions:


- 1) Power source voltage: AC 100 - 120V @ 1.5A, AC 220 – 240V @ 0.75A
- 2) Equipment to be used: Equipment that can generate an output of the adjusted VG-829 unit or equivalent
- 3) Connections: Connections are made to the D-Sub connector of the unit under inspection by means of the connector that can carry each output of the VG-829.

2.2. Aging


More than two hours. Room temperature is 35 degrees C to 40 degrees C.

3. Adjustment Mode Setting

3.1 Power SW Closure

- 1) Insert the power cable plug in a wall outlet and the LED is amber when the POWER ON key [] is pressed. (Confirm that an OSD message of [No Signal Input] is indicated.)

However, while the OSD message of [No Signal Input] is displayed, the LED is green. When the OSD is made to be unlit, the LED is then amber.

* This unit is regarded as a defective item if the LED is not amber even though the power cable plug is inserted in a wall outlet and the POWER ON key [] is pressed.

- 2) Confirm that the LED is green when an input of Signal 15 (VESA 1280*1024 (75Hz)) is input.

* This unit is regarded as a defective item if the LED is not green.

- 3) Then, confirm that an OSD message is displayed on the LCD screen when the MENU keys are pressed.

3.2 Factory Mode Description

How to enter the factory mode

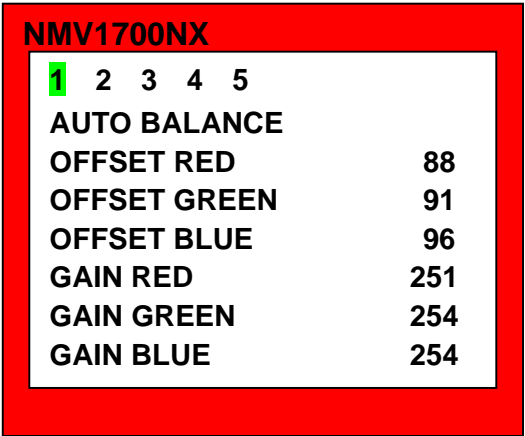
Pressing the [MENU] key and [+ (DVI/D-SUB)] key, press the power key from ON → OFF simultaneously, then press [MENU] key in order to obtain a display of the [Factory Mode] screen.

How to close the factory mode

Factory mode is closed by turning OFF → ON the POWER key.

To implement the factory mode

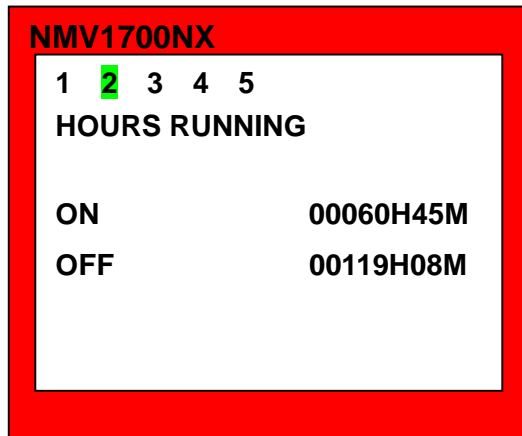
Page 1



NMV1700NX				
1	2	3	4	5
AUTO BALANCE				
OFFSET RED			88	
OFFSET GREEN			91	
OFFSET BLUE			96	
GAIN RED			251	
GAIN GREEN			254	
GAIN BLUE			254	

In this page, R/G/B OFFSET and R/G/B GAIN are adjusted.

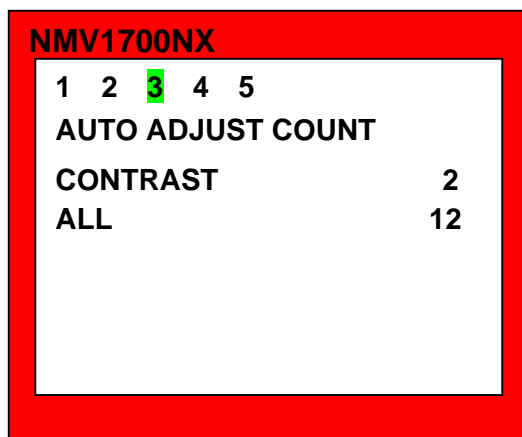
- (1) Press the [▼] key and adjust the cursor to [AUTO BALANCE].
- (2) When the [+ (DVI/D-SUB)] key or [– (AUTO)] key is pressed, it becomes possible to use the Auto Balance function.
- (3) Press the [▼] key to move the cursor to each item. When the [+ (DVI/D-SUB)] key or the [– (AUTO)] key is pressed, it becomes possible to change the value of each item.



In this page, it is possible to check the total user's operation time.

HOURS RUNNING (Total Operation Time)

The time (hours and minutes) is displayed for the POWER ON mode and the OFF mode (power saving mode).



In this page, it is possible to check the user's number of adjustments.

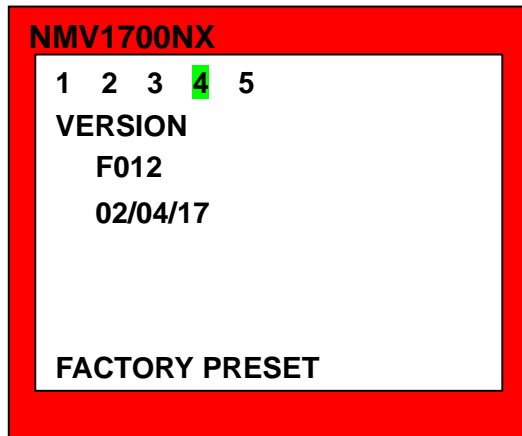
CONTRAST

The total times of execution of automatic adjustment (AUTO CONTRAST) is displayed.

ALL

The total times of execution of automatic adjustment (right/left, up/down, horizontal size, and phase) is displayed.

When resetting these numerals to zero, operation for factory resetting should be carried out in the factory mode.



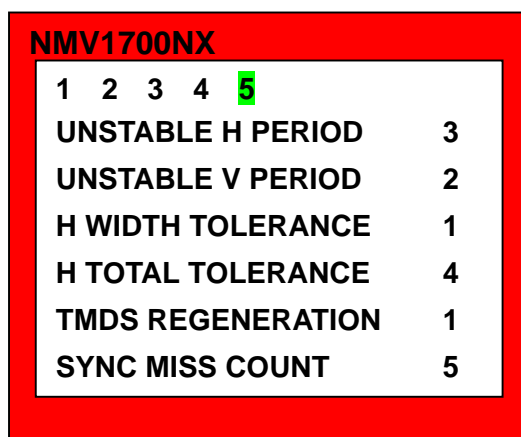
In this page, it is possible to confirm the firmware version, and make factory preset.

Version

The firmware version is displayed.

Factory Preset

When the [– (AUTO)] key or [+ (DVI/D-SUB)] key is pressed, it becomes possible to reset all the functions (HOURS RUNNING, AUTO ADJUST CONT and AUTO INFORMATION) to their initial values.



This menu is used to avoid problems (blanking, turbulence in images, etc.) possibly occurring when connections are made to a personal computer or a video card, where a non-standard digital signal output is generated. Usually it should not be changed.

UNSTABLE H PERIOD: The number of counts to identify that the horizontal sync has changed.

UNSTABLE V PERIOD: The number of counts to identify that the vertical sync has changed.

H WIDTH TOLERANCE: Variation in the identification that the horizontal width sync has changed.

H TOTAL TOLERANCE: Variation in the identification that the horizontal total sync has changed.

TMDS REGENERATION: 0: Hsync / VSync from the TMDS receiver block is used.

1: Automatic changeover

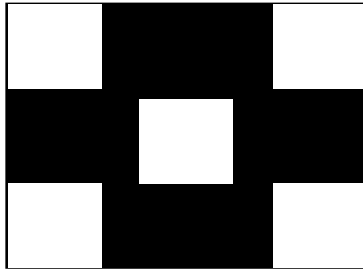
2: DE from the TMDS receiver block is used.

SYNC MISS COUNT: The number of counts to identify that there is no sync signal.

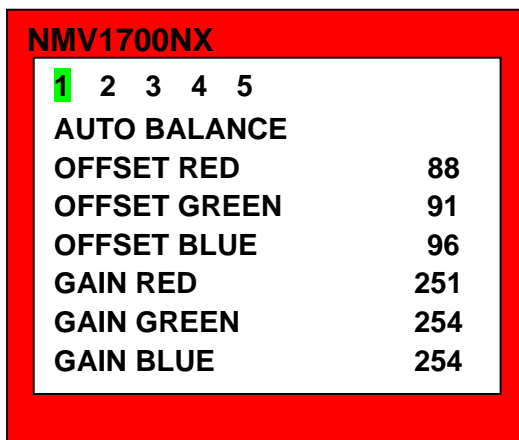
3.3 Adjustments Method

3.3.1 Factory Mode Access

- (1) Enter a window pattern input of Input Signal 15 (VESA 1280 × 1024 (75Hz)).



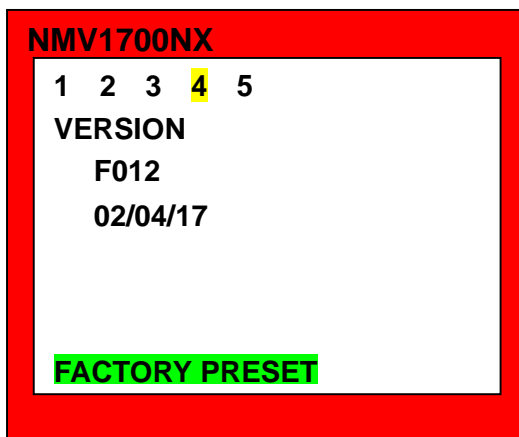
- (2) Pressing the [MENU] key and [+ (DVI/D-SUB)] key, press the power key from ON → OFF simultaneously, then press [MENU] key in order to obtain a display of the [Factory Mode] screen.



- (3) Factory mode is closed by turning OFF → ON the POWER key.

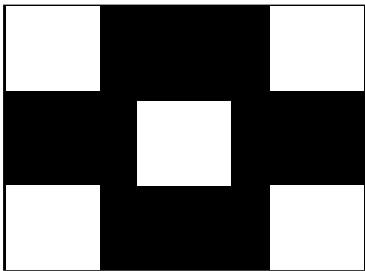
3.3.2 Factory Preset

- (1) Select page 4.
- (2) Using the [▼] key, select [FACTORY PRESET].
- (3) When the [– (AUTO)] key or [+ (DVI/D-SUB)] key is pressed, HOURS RUNNING, AUTO ADJUST COUNT, AUTO INFORMATION, and user's setting values are cleared.

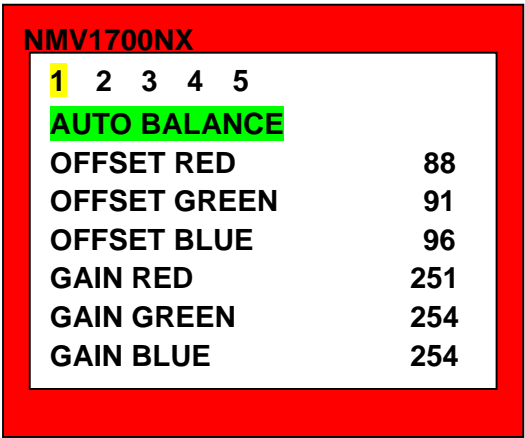


3.3.3 Auto Balance Adjustment

- (1) Select page 1.
- (2) Enter a window pattern input of Input Signal 15 (VESA 1280 × 1024 (75Hz)).



- (3) Press the [▼] key and move the cursor to [AUTO BALANCE].
- (4) Press the [– (AUTO)] key or [+ (DVI/D-SUB)] key to execute the adjustment of Auto Balance.



- (5) If the value of R/G/B GAIN is 340 or more, AUTO BALANCE will be performed again.
- (6) Set the screen display for gray scale (64 gradations). Confirm that there is no sense of incongruity in the gradation display. If there is any problem in the gradation display, carry out the same adjustments again.
- (7) Factory mode is closed by turning OFF → ON the POWER key.

3.4 Ex-Factory Setting

Power Button: OFF

Brightness: Preset 80%

Contrast: Preset 50%

Analog Contrast: Preset 50%

Color Temperature: NATIVE

Left/Right: Optimal value for the signals, which is stated in the VESA standard.

Down/Up: Optimal value for the signals, which is stated in the VESA standard.

H.Size: Optimal value for the signals, which is stated in the VESA standard.

Fine: Preset 0%

Saturation: Preset 50%

HUE: Preset 50%

Flesh Tone: Preset 50%

Language: ENGLISH

OSD Timeout: 30 (sec)

OSD Left/Right: 50% (Center)

OSD Down/Up: 50% (Center)

4. Preset Signal Timing Sheet

	Preset No.	1		2	
Item	Abbreviation	VGA 720 x 400 70Hz		VGA 640 x 480 60Hz	
Pixel frequency	fc	28.322MHz		25.175MHz	
Horizontal frequency	fh	31.47kHz		31.47kHz	
Line time total	Th	31.78 μ s	900CLK	31.78 μ s	800CLK
Horizontal active display	Thd	25.42 μ s	720CLK	25.42 μ s	640CLK
Horizontal sync pulse	Thp	3.81 μ s	108CLK	3.81 μ s	96CLK
Horizontal back porch	Thb	1.91 μ s	54CLK	1.91 μ s	48CLK
Horizontal front porch	Thf	0.64 μ s	18CLK	0.64 μ s	16CLK
Horizontal sync polarity		NEG		POS/NEG	
Vertical Frequency	fv	70.09Hz		59.94Hz	
Frame time total	Tv	14.27ms	449H	16.68ms	525H
Vertical active display	Tvd	12.71ms	400H	15.25ms	480H
Vertical sync pulse	Tvp	0.06ms	2H	0.06ms	2H
Vertical back porch	Tvb	1.11ms	35H	1.02ms	33H
Vertical front porch	Tvf	0.38ms	12H	0.35ms	10H
Vertical sync polarity		POG		POS/NEG	
Full scan mode		Expansion		Expansion	

	Preset No.	3		4	
Item	Abbreviation	MAC 640 x 480 66Hz		VESA 640 x 480 72Hz	
Pixel frequency	fc	30.240MHz		31.500MHz	
Horizontal frequency	fh	35.00kHz		37.86kHz	
Line time total	Th	28.57 μ s	864CLK	26.41 μ s	832CLK
Horizontal active display	Thd	20.43 μ s	640CLK	20.32 μ s	640CLK
Horizontal sync pulse	Thp	2.04 μ s	64CLK	1.27 μ s	40CLK
Horizontal back porch	Thb	3.17 μ s	96CLK	4.06 μ s	128CLK
Horizontal front porch	Thf	2.12 μ s	64CLK	0.76 μ s	24CLK
Horizontal sync polarity		POS/NEG		POS/NEG	
Vertical Frequency	fv	66.67Hz		72.81Hz	
Frame time total	Tv	15.00ms	525H	13.73ms	520H
Vertical active display	Tvd	13.71ms	480H	12.68ms	480H
Vertical sync pulse	Tvp	0.09ms	3H	0.08ms	3H
Vertical back porch	Tvb	1.11ms	39H	0.34ms	28H
Vertical front porch	Tvf	0.09ms	3H	0.24ms	9H
Vertical sync polarity		POG/NEG		POS/NEG	
Full scan mode		Expansion		Expansion	

	Preset No.	5		6	
Item	Abbreviation	VESA 640 x 480 75Hz		VESA 800 x 600 56Hz	
Pixel frequency	fc	31.500MHz		36.000MHz	
Horizontal frequency	fh	37.50kHz		35.16kHz	
Line time total	Th	26.67μs	840CLK	28.44μs	1024CLK
Horizontal active display	Thd	20.32μs	640CLK	22.22μs	800CLK
Horizontal sync pulse	Thp	2.03μs	64CLK	2.00μs	72CLK
Horizontal back porch	Thb	3.81μs	120CLK	3.56μs	128CLK
Horizontal front porch	Thf	0.51μs	16CLK	0.67μs	24CLK
Horizontal sync polarity		NEG		POS/NEG	
Vertical Frequency	fv	75.00Hz		56.25Hz	
Frame time total	Tv	13.33ms	500H	17.78ms	625H
Vertical active display	Tvd	12.80ms	480H	17.07ms	600H
Vertical sync pulse	Tvp	0.08ms	3H	0.06ms	2H
Vertical back porch	Tvb	0.43ms	16H	0.63ms	22H
Vertical front porch	Tvf	0.03ms	1H	0.03ms	1H
Vertical sync polarity		NEG		POS/NEG	
Full scan mode		Expansion		Expansion	

	Preset No.	7		8	
Item	Abbreviation	VESA 800 x 600 60Hz		VESA 800 x 600 75Hz	
Pixel frequency	fc	40.000MHz		49.500MHz	
Horizontal frequency	fh	37.88kHz		46.88kHz	
Line time total	Th	26.40μs	1056CLK	21.33μs	1054CLK
Horizontal active display	Thd	20.00μs	800CLK	16.16μs	800CLK
Horizontal sync pulse	Thp	3.20μs	128CLK	1.62μs	80CLK
Horizontal back porch	Thb	2.20μs	88CLK	3.23μs	160CLK
Horizontal front porch	Thf	1.00μs	40CLK	0.32μs	16CLK
Horizontal sync polarity		POS/NEG		POS/NEG	
Vertical Frequency	fv	60.32Hz		75.00Hz	
Frame time total	Tv	16.58ms	628H	13.33ms	625H
Vertical active display	Tvd	15.84ms	600H	12.80ms	600H
Vertical sync pulse	Tvp	0.11ms	4H	0.06ms	3H
Vertical back porch	Tvb	0.61ms	23H	0.45ms	21H
Vertical front porch	Tvf	0.03ms	1H	0.02ms	1H
Vertical sync polarity		POS/NEG		POS/NEG	
Full scan mode		Expansion		Expansion	

	Preset No.	9		10	
Item	Abbreviation	VESA 800 x 600 72Hz		MAC 832 x 624 75Hz	
Pixel frequency	fc	50.000MHz		57.283MHz	
Horizontal frequency	fh	48.08kHz		49.72kHz	
Line time total	Th	20.80μs	1040CLK	20.11μs	1152CLK
Horizontal active display	Thd	16.00μs	800CLK	14.52μs	832CLK
Horizontal sync pulse	Thp	2.40μs	120CLK	1.12μs	64CLK
Horizontal back porch	Thb	3.81μs	64CLK	3.91μs	224CLK
Horizontal front porch	Thf	0.64μs	56CLK	0.56μs	32CLK
Horizontal sync polarity		POS/NEG		POS/NEG	
Vertical Frequency	fv	72.19Hz		74.55Hz	
Frame time total	Tv	13.85ms	666H	13.41ms	667H
Vertical active display	Tvd	12.48ms	600H	12.55ms	624H
Vertical sync pulse	Tvp	0.12ms	6H	0.06ms	3H
Vertical back porch	Tvb	0.48ms	23H	0.78ms	39H
Vertical front porch	Tvf	0.77ms	37H	0.02ms	1H
Vertical sync polarity		POS/NEG		POS/NEG	
Full scan mode		Expansion		Expansion	

	Preset No.	11		12	
Item	Abbreviation	VESA 1024 x 768 60Hz		VESA 1024 x 768 70Hz	
Pixel frequency	fc	65.000MHz		75.000MHz	
Horizontal frequency	fh	48.36kHz		56.48kHz	
Line time total	Th	20.68 μ s	1344CLK	17.71 μ s	1328CLK
Horizontal active display	Thd	15.75 μ s	1024CLK	13.65 μ s	1024CLK
Horizontal sync pulse	Thp	2.09 μ s	136CLK	1.81 μ s	136CLK
Horizontal back porch	Thb	2.46 μ s	160CLK	1.92 μ s	144CLK
Horizontal front porch	Thf	0.37 μ s	24CLK	0.32 μ s	24CLK
Horizontal sync polarity		POS/NEG		POS/NEG	
Vertical Frequency	fv	60.00Hz		70.07Hz	
Frame time total	Tv	16.67ms	806H	14.27ms	806H
Vertical active display	Tvd	15.88ms	768H	13.60ms	768H
Vertical sync pulse	Tvp	0.12ms	6H	0.11ms	6H
Vertical back porch	Tvb	0.60ms	29H	0.51ms	29H
Vertical front porch	Tvf	0.06ms	3H	0.05ms	3H
Vertical sync polarity		POS/NEG		POS/NEG	
Full scan mode		Expansion		Expansion	

	Preset No.	13		14	
Item	Abbreviation	VESA 1024 x 768 75Hz		VESA 1280 x 1024 60Hz	
Pixel frequency	fc	78.750MHz		108.000MHz	
Horizontal frequency	fh	60.02kHz		63.98kHz	
Line time total	Th	16.66 μ s	1312CLK	15.63 μ s	1688CLK
Horizontal active display	Thd	13.00 μ s	1024CLK	11.85 μ s	1280CLK
Horizontal sync pulse	Thp	1.22 μ s	96CLK	1.04 μ s	112CLK
Horizontal back porch	Thb	2.23 μ s	176CLK	2.30 μ s	248CLK
Horizontal front porch	Thf	0.20 μ s	16CLK	0.44 μ s	48CLK
Horizontal sync polarity		POS/NEG		POS/NEG	
Vertical Frequency	fv	75.03Hz		60.02Hz	
Frame time total	Tv	10.6ms	800H	16.67ms	1066H
Vertical active display	Tvd	10.23ms	768H	16.00ms	1024H
Vertical sync pulse	Tvp	0.04ms	3H	0.05ms	3H
Vertical back porch	Tvb	0.37ms	28H	0.59ms	38H
Vertical front porch	Tvf	0.01ms	1H	0.02ms	1H
Vertical sync polarity		POS/NEG		POS/NEG	
Full scan mode		Expansion		Native	

	Preset No.	15		16	
Item	Abbreviation	VESA 1280 x 1024 75Hz		VESA 1152 x 864 75Hz	
Pixel frequency	fc	135.00MHz		108.000MHz	
Horizontal frequency	fh	135.00kHz		67.50kHz	
Line time total	Th	12.50 μ s	1688CLK	14.82 μ s	1600CLK
Horizontal active display	Thd	9.48 μ s	1280CLK	10.67 μ s	1152CLK
Horizontal sync pulse	Thp	1.07 μ s	144CLK	1.19 μ s	128CLK
Horizontal back porch	Thb	1.84 μ s	248CLK	2.37 μ s	256CLK
Horizontal front porch	Thf	0.12 μ s	16CLK	0.59 μ s	64CLK
Horizontal sync polarity		POS/NEG		POS/NEG	
Vertical Frequency	fv	75.03Hz		75.00Hz	
Frame time total	Tv	14.21ms	1066H	13.33ms	900H
Vertical active display	Tvd	13.64ms	1024H	12.80ms	864H
Vertical sync pulse	Tvp	0.04ms	3H	0.04ms	3H
Vertical back porch	Tvb	0.51ms	38H	0.47ms	32H
Vertical front porch	Tvf	0.01ms	1H	0.02ms	1H
Vertical sync polarity		POS/NEG		POS/NEG	
Full scan mode		Native		Expansion	

	Preset No.	17		18	
Item	Abbreviation	VESA 1280 x 960 60Hz		VESA 1152 x 900 60Hz	
Pixel frequency	fc	108.00MHz		94.50MHz	
Horizontal frequency	fh	60.00kHz		61.85kHz	
Line time total	Th	16.67 μ s	1800CLK	16.17 μ s	1528CLK
Horizontal active display	Thd	11.85 μ s	1280CLK	12.19 μ s	1152CLK
Horizontal sync pulse	Thp	1.04 μ s	112CLK	1.35 μ s	128CLK
Horizontal back porch	Thb	2.29 μ s	312CLK	2.20 μ s	208CLK
Horizontal front porch	Thf	0.89 μ s	96CLK	0.42 μ s	64CLK
Horizontal sync polarity		POS/NEG		POS/NEG	
Vertical Frequency	fv	60.00Hz		66.00Hz	
Frame time total	Tv	16.67ms	1000H	15.15ms	937H
Vertical active display	Tvd	16.0ms	960H	14.55ms	900H
Vertical sync pulse	Tvp	0.05ms	3H	0.07ms	4H
Vertical back porch	Tvb	0.60ms	36H	0.50ms	31H
Vertical front porch	Tvf	0.016ms	1H	0.03ms	2H
Vertical sync polarity		POS/NEG		POS/NEG	
Full scan mode		Expansion		Expansion	

INSPECTION

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1. Inspection of PLUG & PLAY Communication

1.1 System Connection

This system should be connected as shown below.

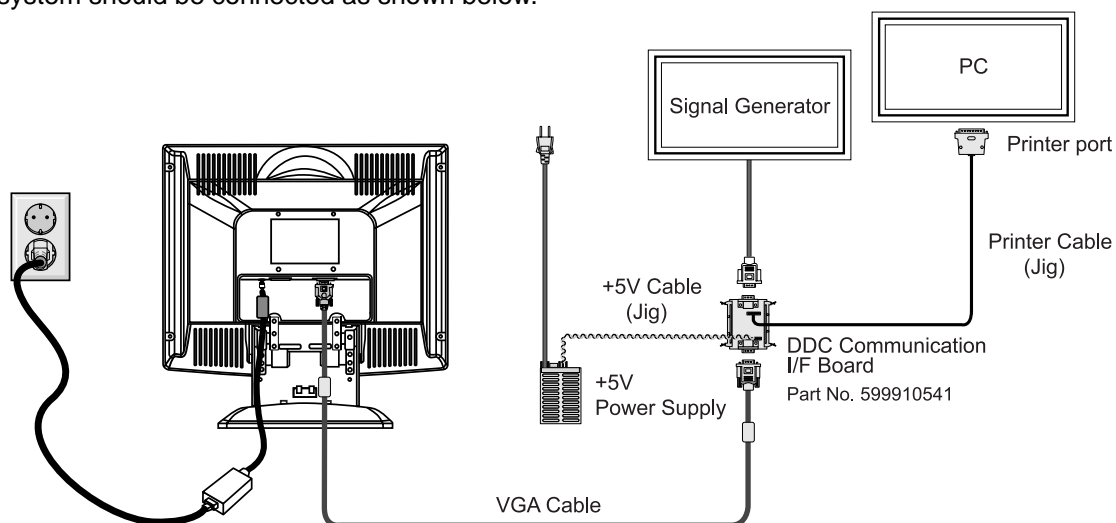


Fig 1.1.1 D-SUB connector connection

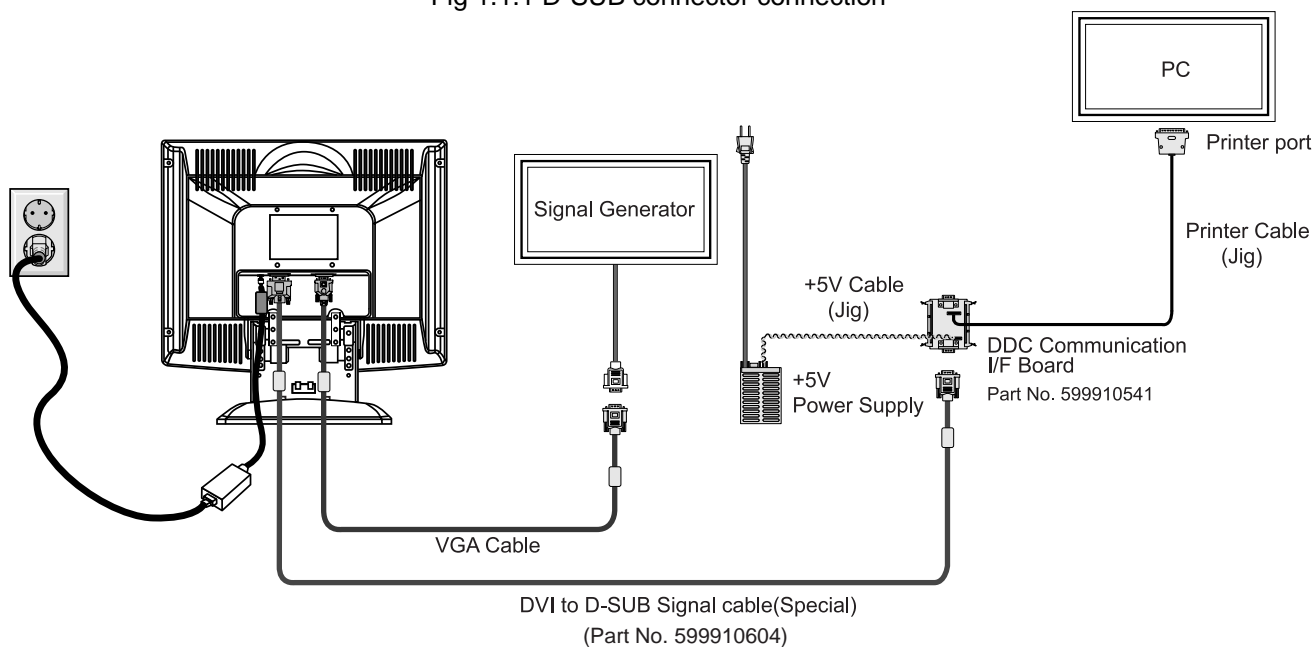


Fig 1.1.2 DVI connector connection



DDC Communication I/F BOARD

1.2 Input Signal

Horizontal synchronization frequency : Not specified.

Vertical synchronization frequency : Not specified.

1.3 Program

Service tool Ver. 3.14 (Parameter ver. 2.0-S9) (Part No. 599910612)

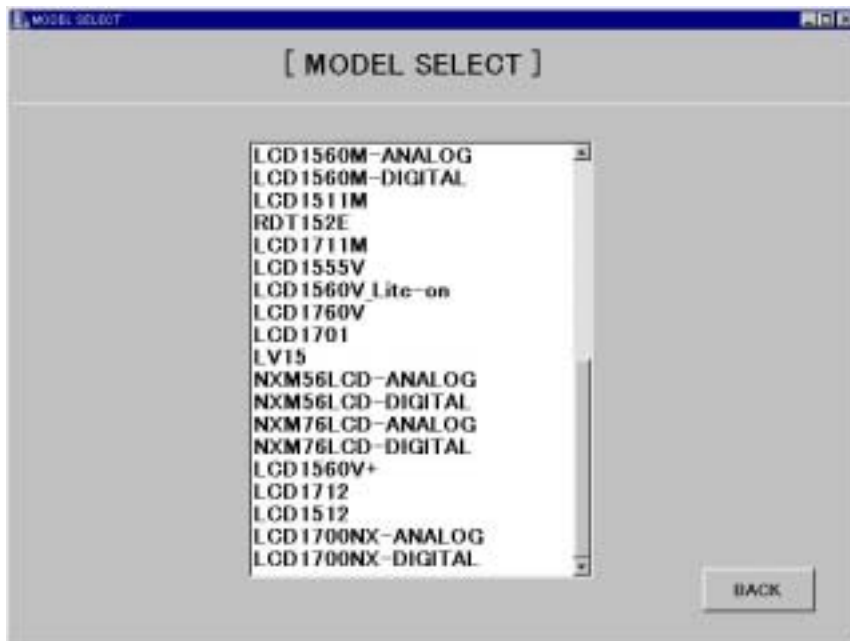
1.4 Operation

1.4.1 D-Sub (Analog) EDID Data Write

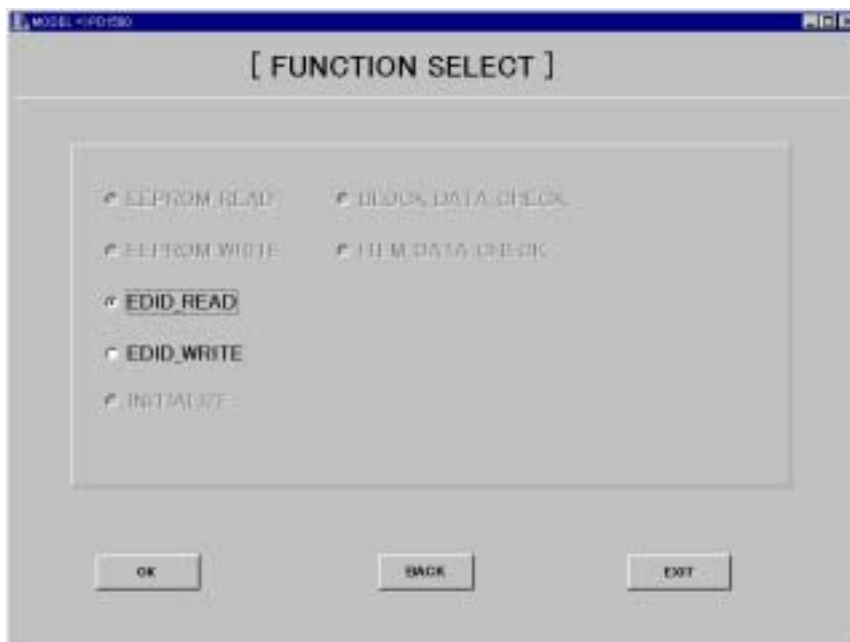
- 1) Connect the EDID data writing unit with jigs, etc. (Refer to a D-SUB connector connection figure)
- 2) Copy all the files of the service tool Ver. 3.14 (Parameter ver. 2.0-S9) in a proper directory.
- 3) Start [Service2.EXE] of the service tool Ver. 3.14.
- 4) When the screen as shown below appears, give a check to [LCD] of [Monitor Type] and press the [START] button.



- 5) When the screen as shown below appears, adjust the cursor to [LCD1700NX-ANALOG] and make a double click.



- 6) When the screen as shown below appears, give a check to [EDID_READ] and press the [OK] button.



- 7) When the screen as shown below appears, confirm that the correct data are displayed in the columns of EDID DATA CONTENTS and Serial information.

If all the displayed data are [FF] or the like, or if the serial number is different from that of the corresponding unit, then EDID data writing should be carried out.

Input Serial No: [] [Input OK] [EDID-TXT LOAD] [Select File]

EDID DATA CONTENTS

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	00	FF	FF	FF	FF	FF	00	38	A3	E0	45	01	01	01	01
10	10	0C	01	03	68	22	1B	7B	EA	E5	E0	A3	38	4A	9C	23
20	14	52	57	BF	EF	00	00	00	00	40	71	4F	01	01	01	01
30	01	01	01	01	01	01	30	2A	00	00	51	00	2A	40	30	70
40	13	00	51	0E	11	00	00	1E	00	00	00	FD	00	38	4B	1F
50	50	0E	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4E
60	45	43	20	4C	43	44	31	37	30	30	4E	38	00	00	00	FF
70	00	32	34	30	30	30	30	31	47	41	0A	20	20	20	00	CA

Serial information

Year of Manufacture: 2002 Year => []

Week of Manufacture: 10 Month => []

Serial No1 => NONE

Serial No2 => 2400001GA

[Read EDID] [Discrimination No.] []

STATUS

EDID Monitor read OK

[BACK] [Exit]

- 8) When a screen of Item 6 is displayed by pressing the [BACK] button, give a check to [EDID_WRITE] and press the [OK] button.

- 9) When the screen as shown below appears, examine the serial number of the unit, enter an input in the column of [Input Serial No.] through the keyboard, and press the [Input OK] button.

Enter an input in the column of [.Year=>] in manufactured year(A.D. four digits) and [Month=>] in manufactured month through the keyboard, and press the [Input OK] button.

Input Serial No: 2300022GB [Input OK] [EDID-TXT LOAD] [Select File]

EDID DATA CONTENTS

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	FF	FF	FF	FF	FF	FF	00	38	A3	E0	45	01	01	01	01
10	10	0C	01	03	68	22	1B	7B	EA	E5	E0	A3	38	4A	9C	23
20	14	52	57	BF	EF	00	00	00	00	40	71	4F	01	01	01	01
30	01	01	01	01	01	01	30	2A	00	00	51	00	2A	40	30	70
40	13	00	51	0E	11	00	00	1E	00	00	00	FD	00	38	4B	1F
50	50	0E	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4E
60	45	43	20	4C	43	44	31	37	30	30	4E	38	00	00	00	FF
70	00	32	34	30	30	30	30	31	47	41	0A	20	20	20	00	CA

Serial information

Year of Manufacture: 2002 Year => 2002

Week of Manufacture: 10 Month => 1

Serial No1 => NONE

Serial No2 => 2400001GA

[Read EDID] [Discrimination No.] []

STATUS

EDID File Load OK

[BACK] [Exit]

- 10) When the [WRITE EDID] button is pressed, writing of the EDID data only is carried out. Upon the completion of correct writing, a display of [EDID Monitor Write OK] is presented in the column of [STATUS].

Input Serial No => byte Input OK EDID-TEXT LOAD [Select File]

EDID DATA CONTENTS EDID CODE => LCD1700NX-ANALOG

00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	FF	FF	FF	FF	FF	FF	FF	00	30	A3	ED	03	00	01	01
10	0C	0C	01	03	98	22	10	70	EA	E3	ED	A3	38	4A	9C
20	14	52	57	BF	EF	00	01	00	01	40	71	4F	00	01	01
30	00	01	01	01	01	01	30	2A	00	D8	31	00	2A	40	30
40	13	00	51	0E	11	00	00	1E	00	00	00	FD	00	38	40
50	50	0E	00	0A	20	20	20	20	20	20	00	00	00	FC	00
60	40	43	20	4C	43	44	31	37	30	30	4E	38	00	00	FF
70	00	22	3C	30	30	30	32	47	42	0A	20	20	20	00	CB

EDIT

WRITE EDID

Serial information

Year of Manufacture: 2002 Year =>

Week of Manufacture: 12 Month =>

Serial No1 => NONE

Serial No2 => 2300022GB Input OK

[Discrimination No.]

Read EDID

STATUS

EDID Monitor Write OK

BACK Exit

1.4.2 DVI-D (Digital) EDID Data Write

- 1) Connect the EDID data writing unit with jigs, etc. (Refer to a DVI connector connection figure)
- 2) The "BACK" button is pushed twice and the [MODEL SELECT] screen is displayed. Cursor is united and double-clicked to [LCD1700NX-DIGITAL].
- 3) 6) to 10) is carried out in the procedure of the 1.4.1 "D-Sub (Analog) EDID Data Write".
- 4) Upon the normal completion of EDID data writing, press the [Exit] button to close the program.

1.5 EDID Data File

EDID Data : LCD1700NX_A.EDI (ANALOG)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	38	A3	E0	65	01	01	01	01
10	10	0C	01	03	68	22	1B	78	EA	E5	E0	A3	59	4A	9C	23
20	14	52	57	BF	EF	00	81	80	81	40	71	4F	01	01	01	01
30	01	01	01	01	01	01	30	2A	00	98	51	00	2A	40	30	70
40	13	00	51	0E	11	00	00	1E	00	00	00	FD	00	38	4B	1F
50	50	0E	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4E
60	45	43	20	4C	43	44	31	37	30	30	4E	58	00	00	00	FF
70	00	32	34	30	30	30	30	31	47	41	0A	20	20	20	00	CA

EDID Data : LCD1700NX_D.EDI (DIGITAL)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	38	A3	DF	65	01	01	01	01
10	10	0C	01	03	80	22	1B	78	EA	E5	E0	A3	59	4A	9C	23
20	14	52	57	BF	EF	00	81	80	81	40	71	4F	01	01	01	01
30	01	01	01	01	01	01	30	2A	00	98	51	00	2A	40	30	70
40	13	00	51	0E	11	00	00	1E	00	00	00	FD	00	38	4B	1F
50	44	0B	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4E
60	45	43	20	4C	43	44	31	37	30	30	4E	58	00	00	00	FF
70	00	32	34	30	30	30	30	31	47	41	0A	20	20	20	00	C2

Note 1: address 10h

Week of manufacture = Month of manufacture × 4

Note 2: address 11h

Year of manufacture - 1990

Note 3: address 71h ~ 7Dh

Serial Number (ASCII coded)

If less than 13 char, terminate with 0Ah and fill the rests with 20h.

Note 4: address 7Fh

Checksum

The sum of entire 128 byte should be equal to 00h.

2. External inspection on the LCD module

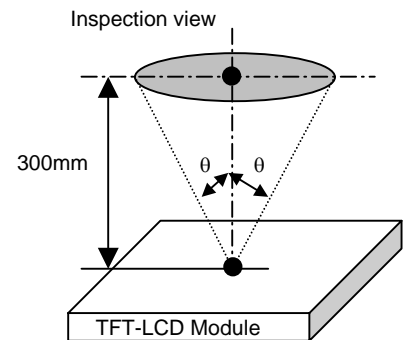
2.1 Inspection Method

2.1.1 Environmental

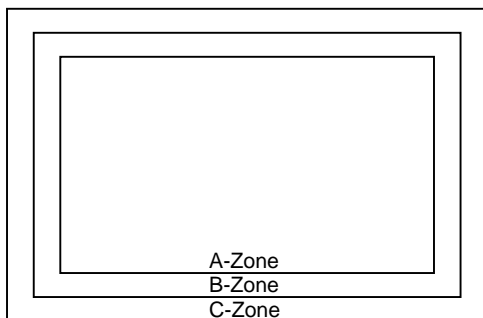
- a) Temperature: 20 degree
- b) Ambient light: About 150 lx and non-directive when operating inspection.
About 1000 lx and non-directive when non-operating inspection.
- c) Back light: When non-operating inspection, back light should be off.

2.1.2 Viewing Zone

- a) The figure shows the correspondence between eyes (of inspector) and TFT-LCD module.
 - $\theta < 45$ degree: When non-operating inspection.
 - $\theta < 5$ degree: When operating inspection.
- b) Inspection should be executed only from front side and only A-zone.
Cosmetic of B-zone and C-zone are ignore.



2.1.3 Definition of Zone



- A-Zone: Display area (Pixel area)
- B-Zone: Area between A-zone and C-zone
- C-Zone: Metallic bezel area (include I/F connector)

2.2 Dot Defect


This criteria is based on ISO-13406-2 Pixel Faults Class II

No.	Inspection	Criteria				Remark	
1	Dot defects	Bright dots	1 dot fault	Green	Max. 4		
2				Total	Max. 7		
3			Adjacent two bright dots		Max. 3	Note 1	
4			Three or more continuous		Not Allowed	Note 2	
5		Dark dots	1 dot		Max. 7		
6			Adjacent two dark dots		Max. 3	Note 1	
7			Three or more continuous		Not Allowed	Note 2	
8		Total 1 dot defects				Max. 7	
9		Total dot defects				Max. 13	
10-1	Fault cluster	Two or more sub-pixels (dots) with fault of No. 5 within a 5x5 block of pixels			Max. 3	Note 3	
10-2		Two or more pixels or sub-pixels (dots) with fault of No. 3 within a 5x5 block of pixels			Not Allowed	Note 4	
10-3		Two or more pixels or sub-pixels (dots) with fault of No. 6 within a 5x5 block of pixels			Not Allowed	Note 4	
















1) Bright dots: 30% or more brightness of normal brightness of normal brightness

2) Dark dots: 70% or less brightness of normal brightness of normal brightness



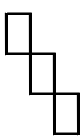
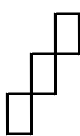




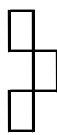
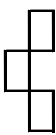
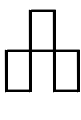
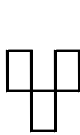

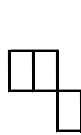
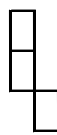
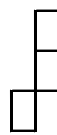
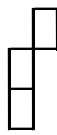
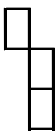


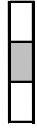
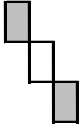


3) 1 dot fault: not adjacent dot defects

 : Bright Dot  : Dark Dot

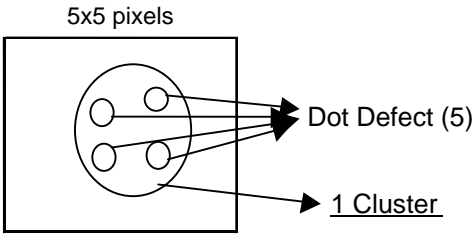
Note 1. Horizontally adjacent 2 dots (R+G, G+B)

Count as horizontally adjacent 2 dots					
R G	G B	R G	G B		
					
Do not count as adjacent 2 dots					
R G	R G	R G	R G	R G	R G
					
					
					
					
					
					etc.
Combination with Bright & Dark Dot		Combination except horizontally adjacent 2 dots.			

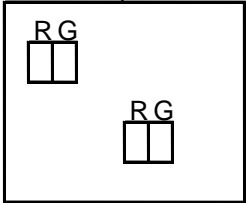
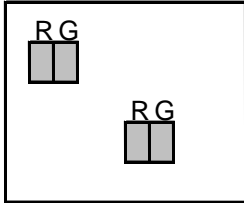
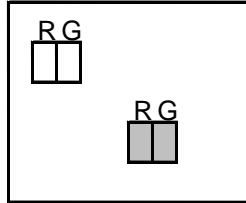
Note 2. Horizontally, Vertically or combined adjacent 3 dots (separately bright dots and dark dots)

Count as adjacent 3 dots							
							
							
							
Do not count as adjacent 3 dots							
							

Note 3. Count as 1 cluster: Two or more sub-pixels with fault of No. 5 within 5x5 pixels 3 or below.



Note 4. Count as 1 cluster: Two or more pixels or sub-pixels with fault of No. 3 or No. 6 within 5x5 pixels.

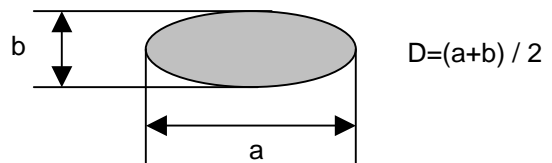
Count as defect		Do not count as defect
<p>5x5 pixels</p> 	<p>5x5 pixels</p> 	<p>5x5 pixels</p> 

2.3 Polarizer Defects

Display	Items	Criteria		
Turn ON	Linear Scratch W: Width (mm) L: Length (mm)	W = 0.02 or less	L = Pass	Pass
		W = 0.04 or less	L = 40 or less	10
			L = 40 over	Not Allowed
		W = 0.08 over	L = 20 or less	10
			L = 20 over	Not Allowed
	Circular Scratch D: Average diameter (mm)	D = 0.2 or less		Pass
		D = 0.6 or less		8
		D = 0.6 over		Not Allowed
Turn OFF	Bubble Peel off	D = 0.3 or less		Pass
		D = 0.5 or less		10
		D = 1.0 or less		5
		D = 1.0 over		Not Allowed
	Undulation	Remarkable one is not allowed		

NOTE:

- Average Diameter
- Linear: $a > 2b$, Circular: $a \leq 2b$
- Extraneous substances which can be wiped out, like Finger Print, Particles are not considered as a defect.
- Defects which is on the Black Matrix (outside of Active Area) are not considered as a defect.

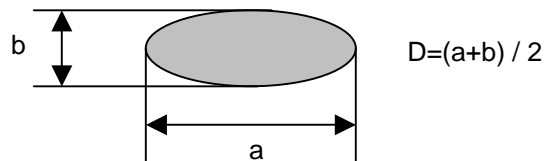


2.4 Foreign Material

Display	Items	Criteria		
Turn ON	Linear Foreign Material W: Width (mm) L: Length (mm)	W = 0.02 or less	L = Pass	Pass
		W = 0.04 or less	L = 2.0 or less	10
			L = 2.0 over	Not Allowed
		W = 0.08 or less	L = 1.0 or less	10
	L = 1.0 over		Not Allowed	
	Circular Foreign Material D: Average diameter (mm)	D = 0.22 or less		Pass
		D = 0.4 or less		5
		D = 0.4 over		Not Allowed

NOTE:

- Average Diameter
- Linear: $a > 2b$, Circular: $a \leq 2b$



2.5 Line Defect

All kinds of line defects such as vertical, horizontal or cross are not allowed.

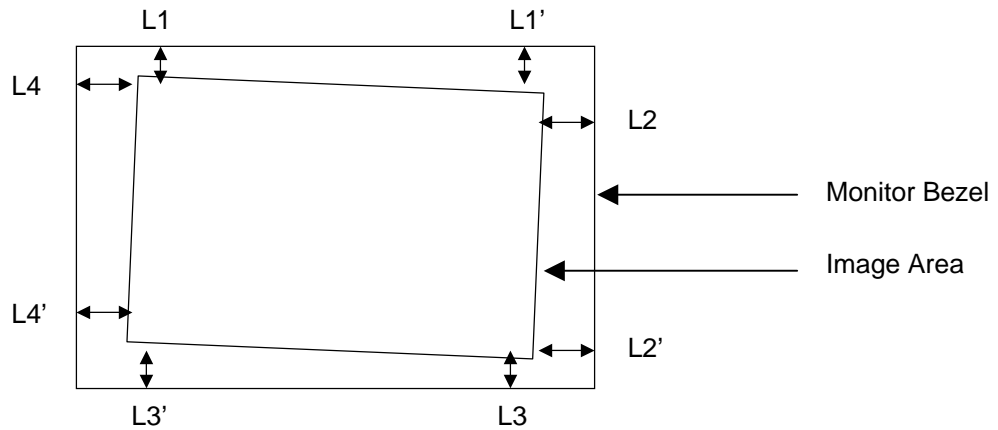
2.6 Bezel Appearance

Scratches, minor bents, stains, particles on the Bezel frame are not considered as a defect.

2.7 Display Tilt and Position Difference

Any part of image must not be missed by the position difference or the display tilt.

$L1, L1', L2, L2', L3, L3', L4, L4' > 0$



3. Safety

3.1 Insulation Resistance

The resistance of the insulation between the power terminal and the earth ground contact is more the 10M ohms while withstanding a voltage of 500Vdc.

3.2 Dielectric Strength

There is no breakdown of the insulators or short circuits when applying an alternating potential of 1000Vac for a duration of 1(one) minute or 1500Vac for a duration of 2(two) second at 50Hz between the metallic chassis and the input power supply active and neutral terminals connected together.

3.3 Leakage Current

The current conducted between each of the power supply's contacts is less than 1.5mA at 255Vac (60Hz) and 0.25mA at 100Vac (60Hz).

3.4 Ground Continuity

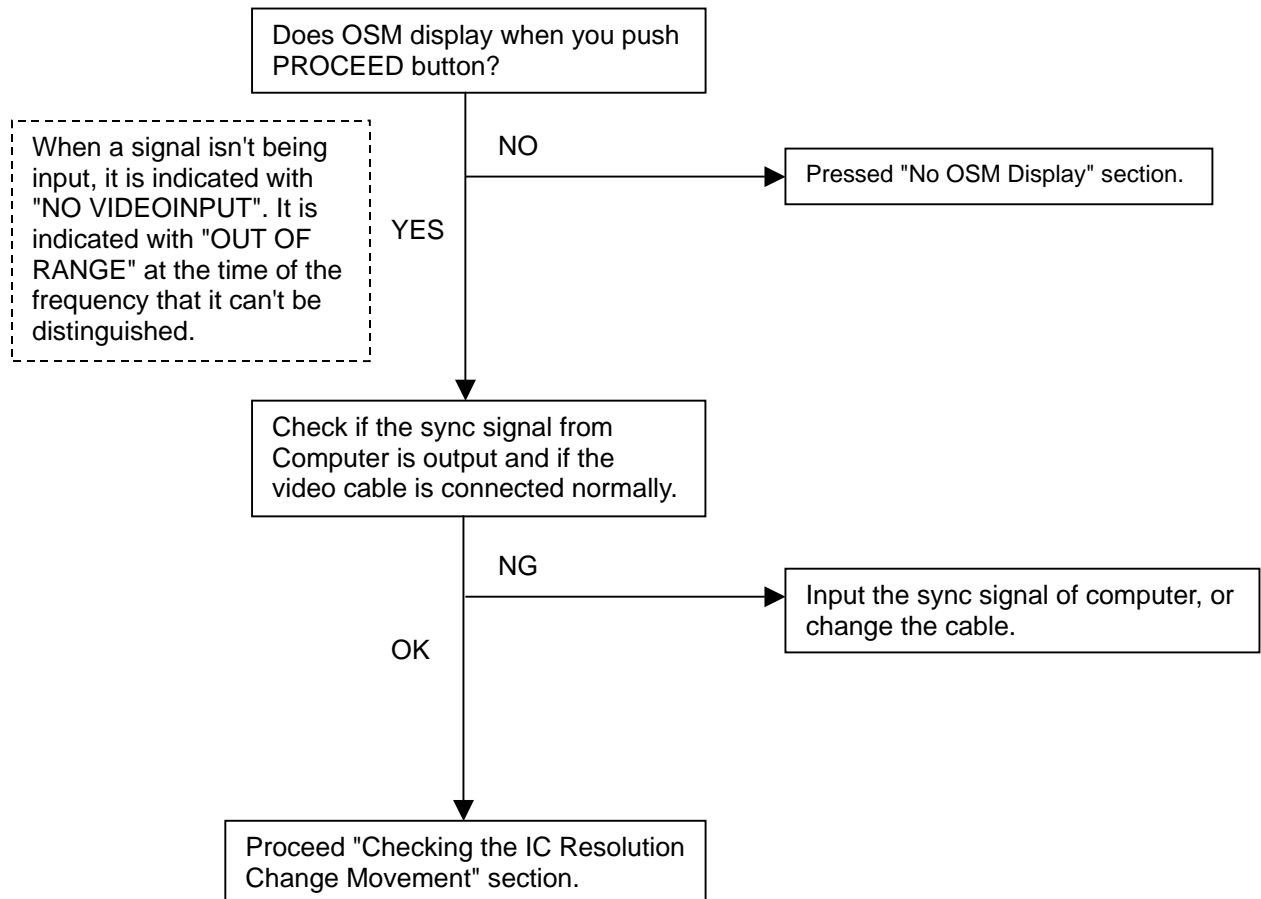
The resistance between the groundside of the power cord and the accessible metal parts located in ground circuit shall not exceed 0.1 ohm at current load of 25mA.

TROUBLE SHOOTING

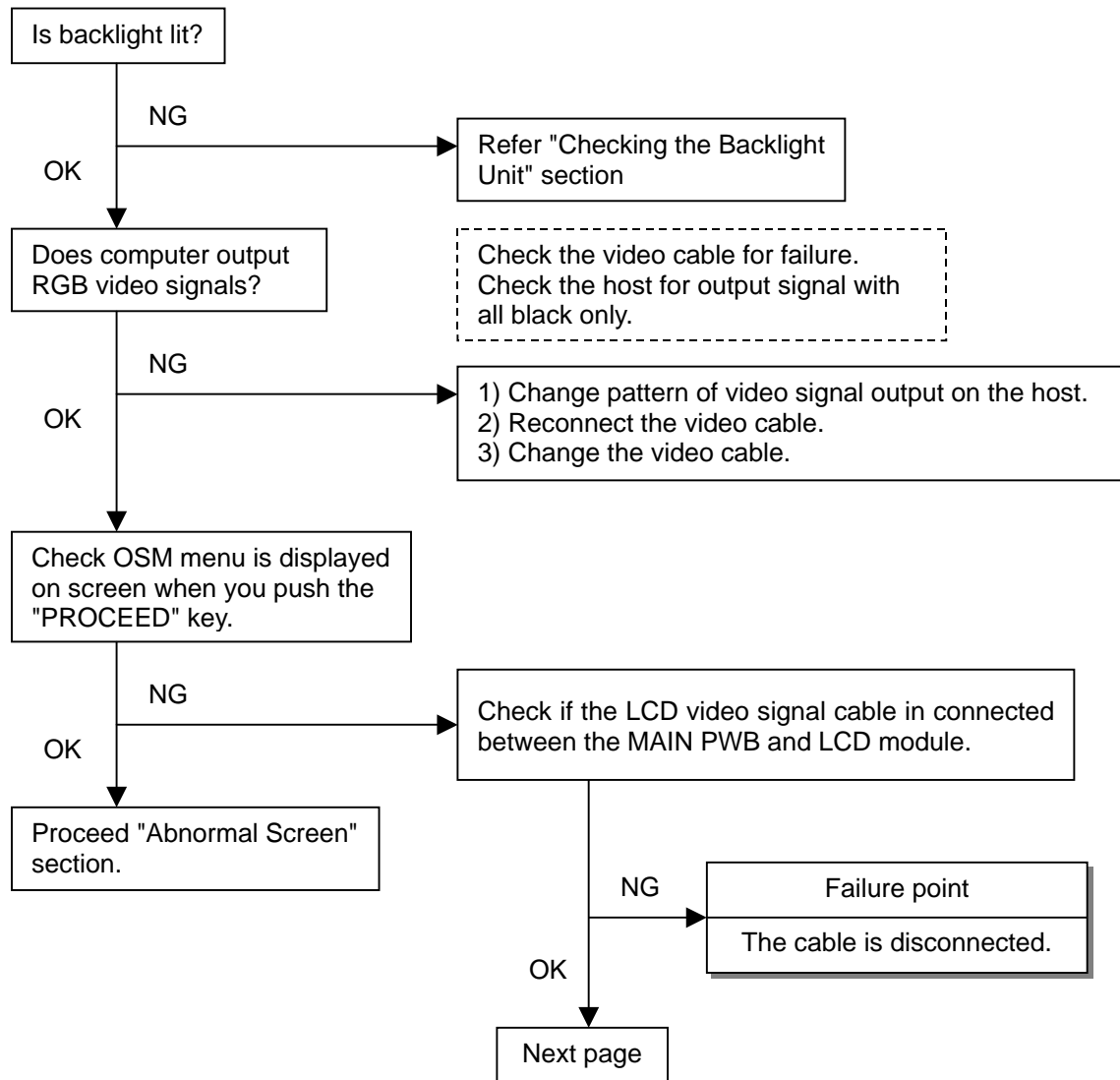
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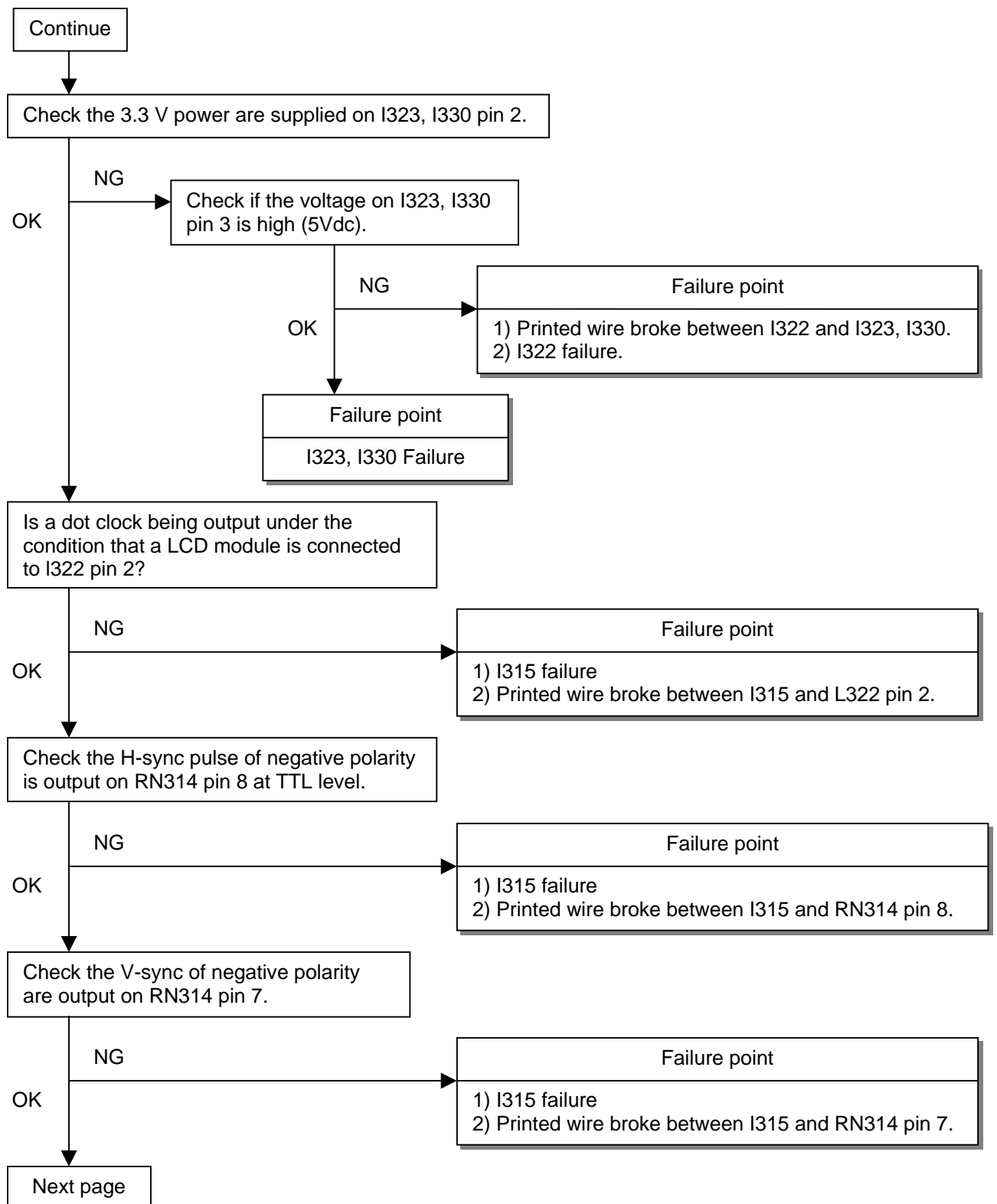
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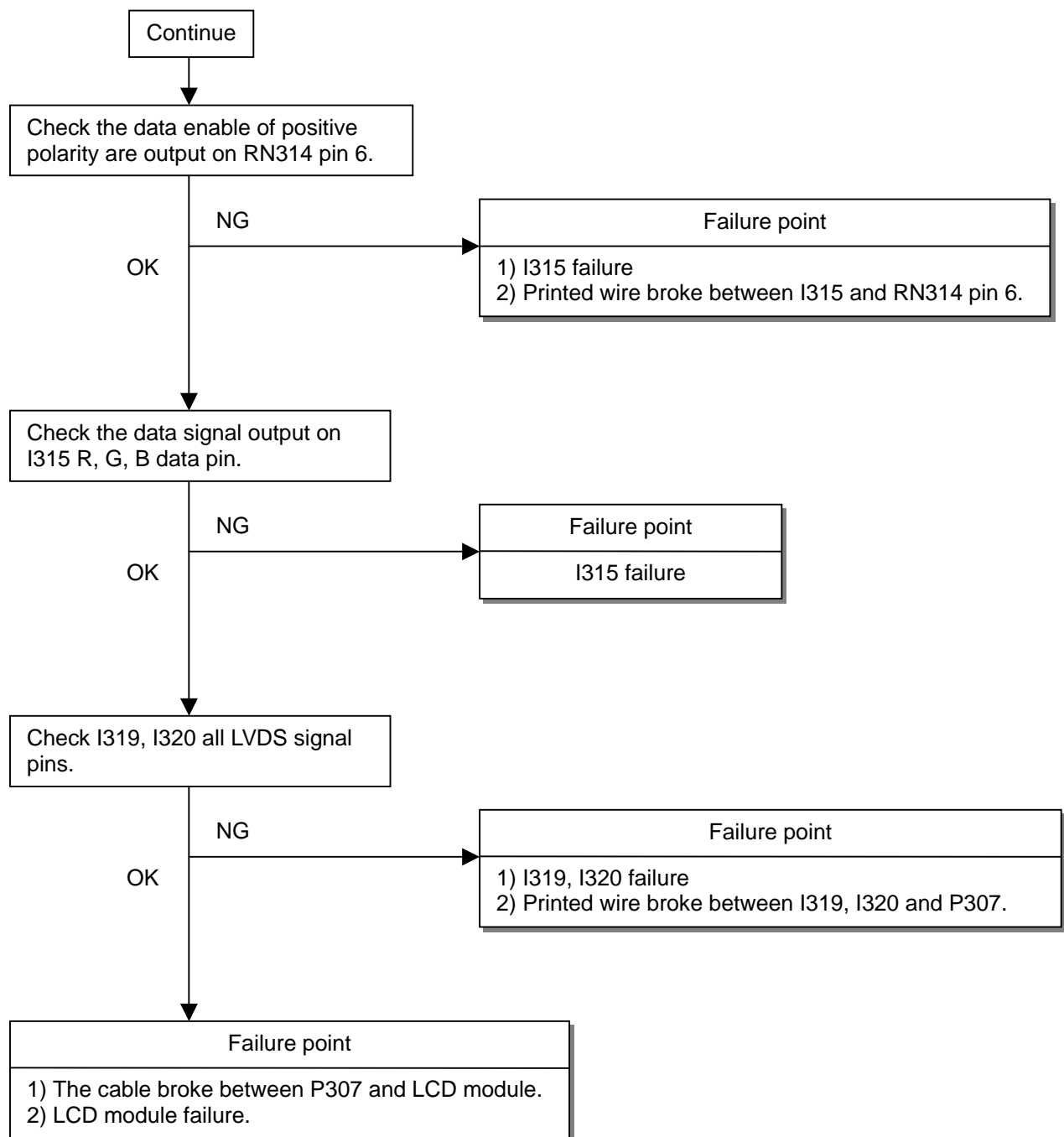
1. No Display on Screen (Screen is Black, LED is Amber)



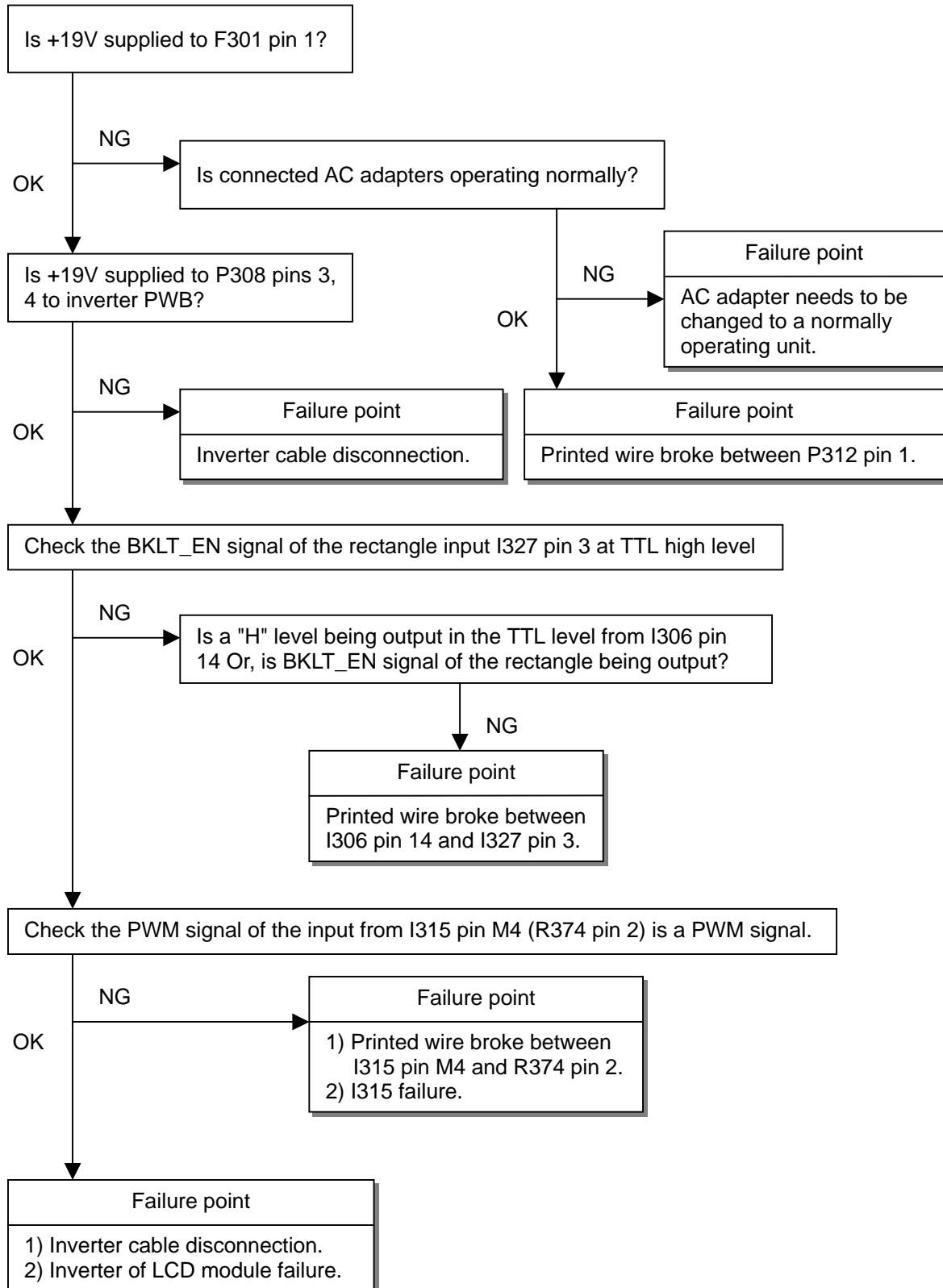
2. No Display on Screen (Screen is Black, LED is Green)



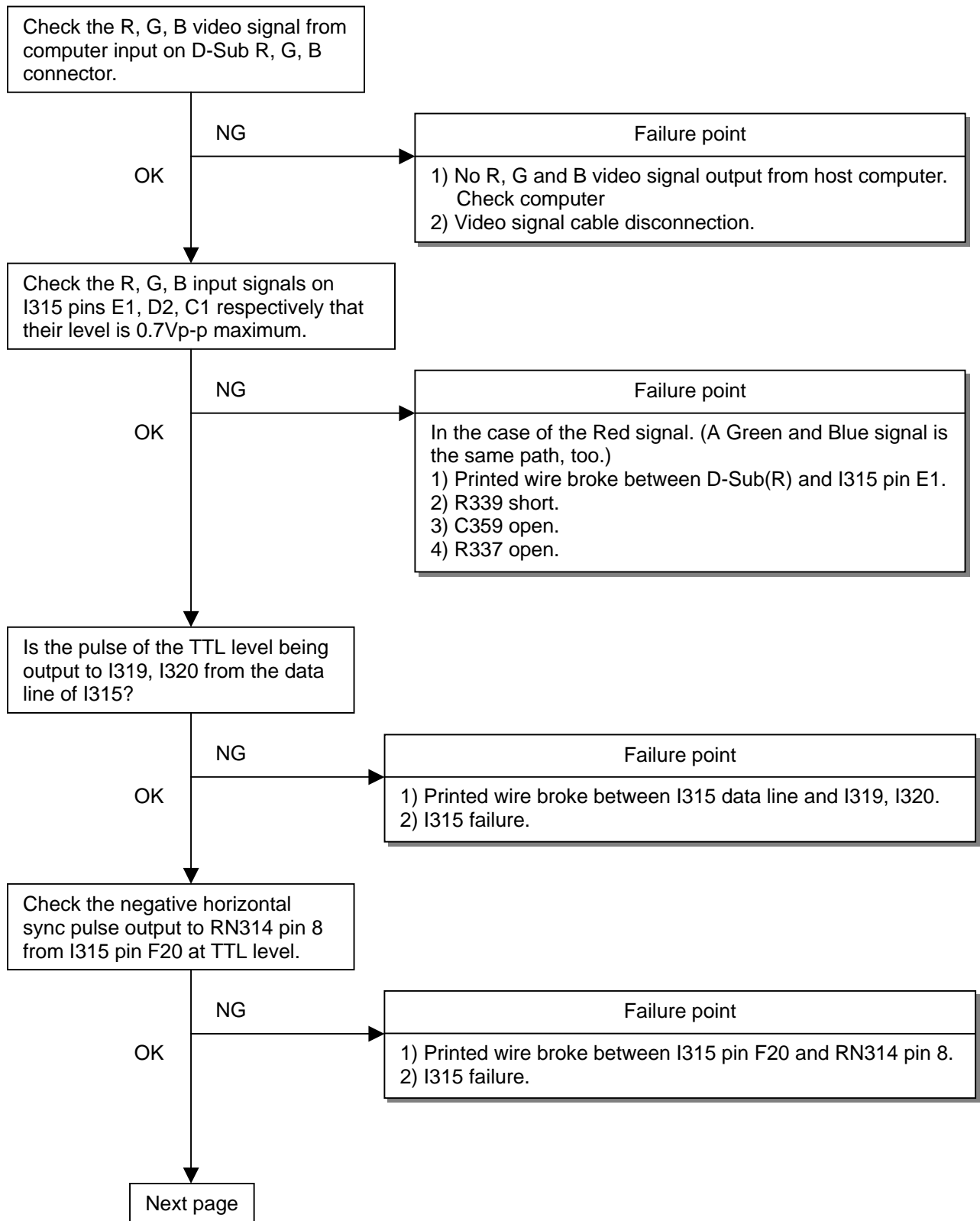


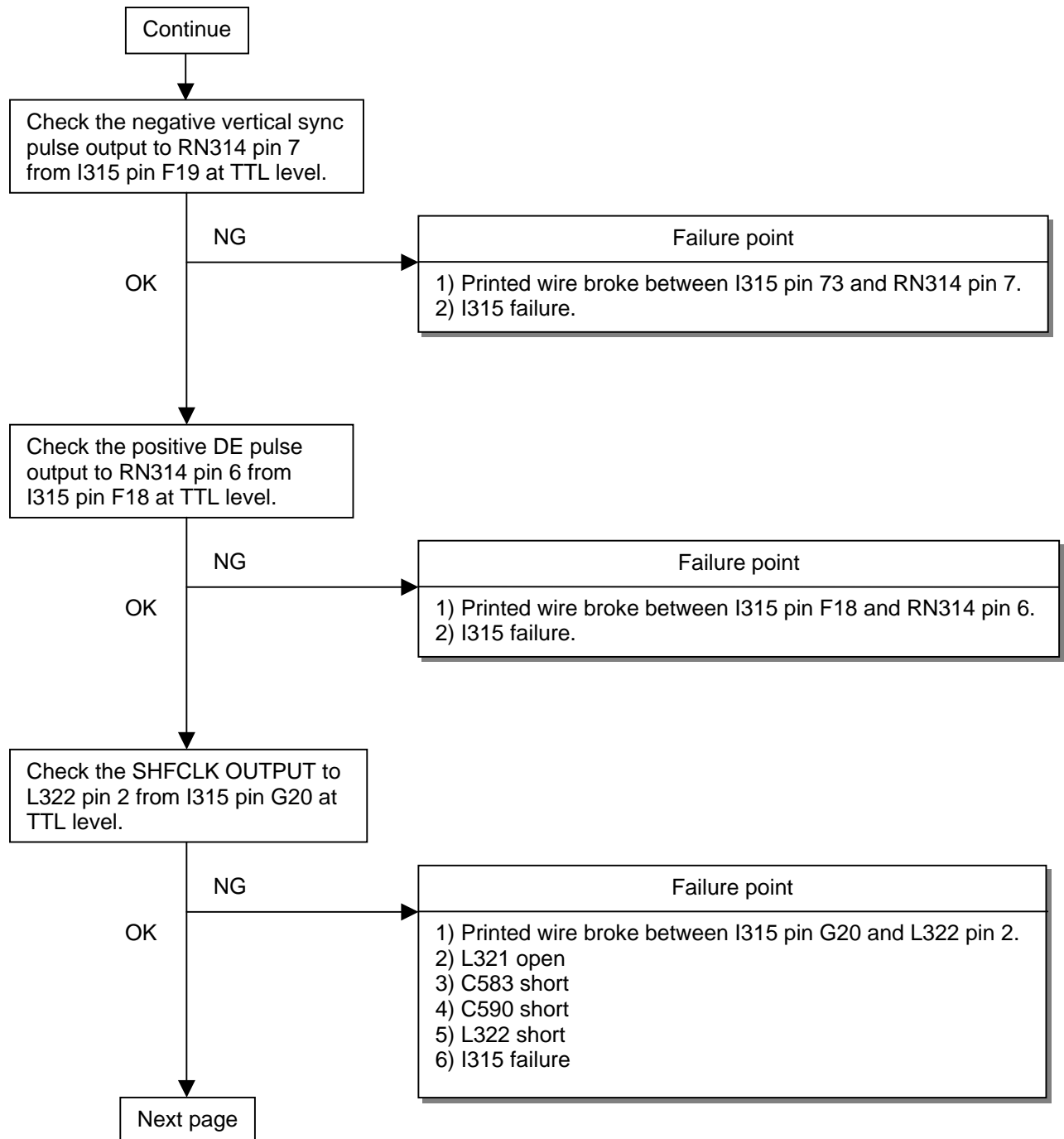


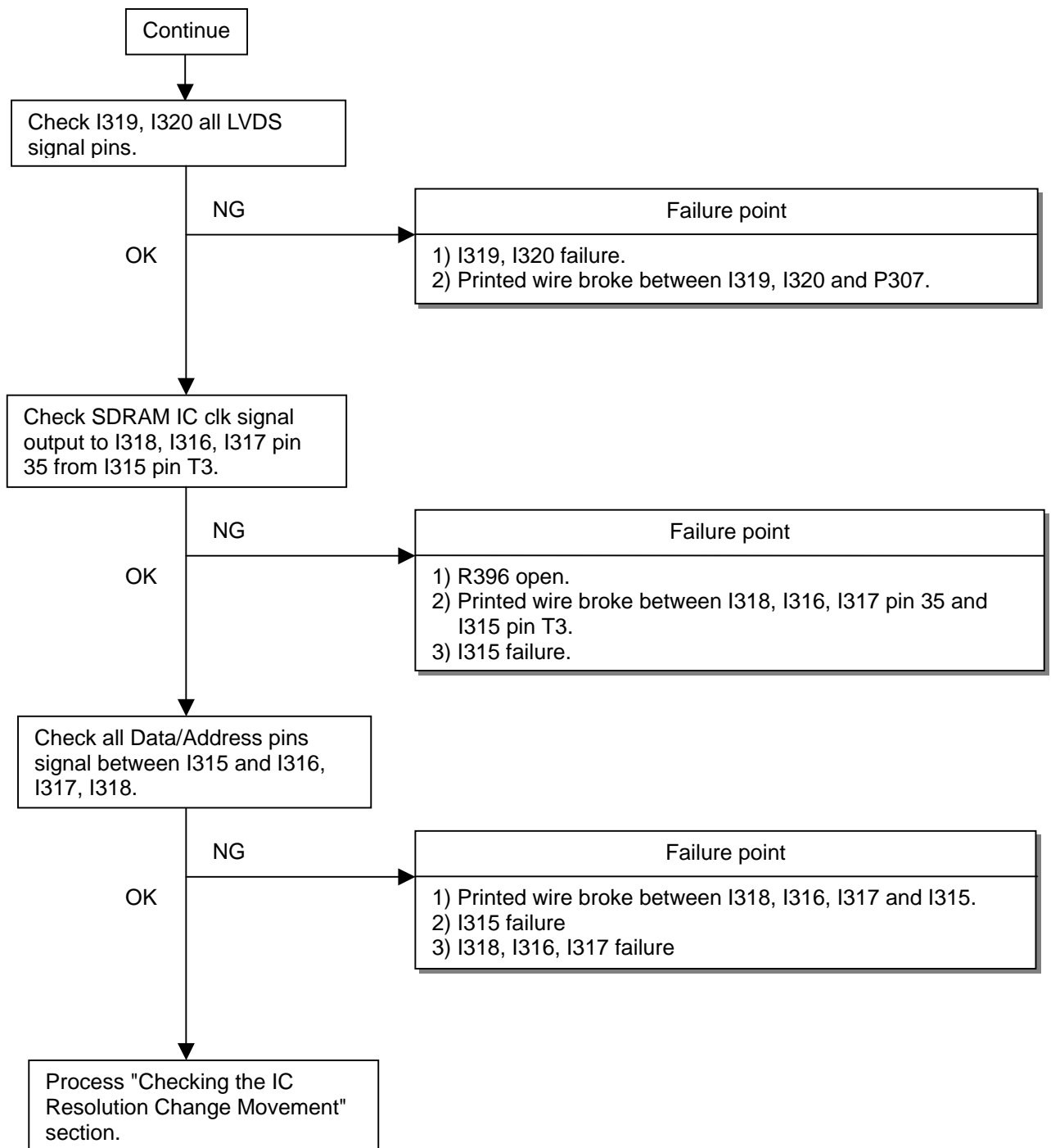
3. Checking the Back Light Unit



4. Abnormal Screen

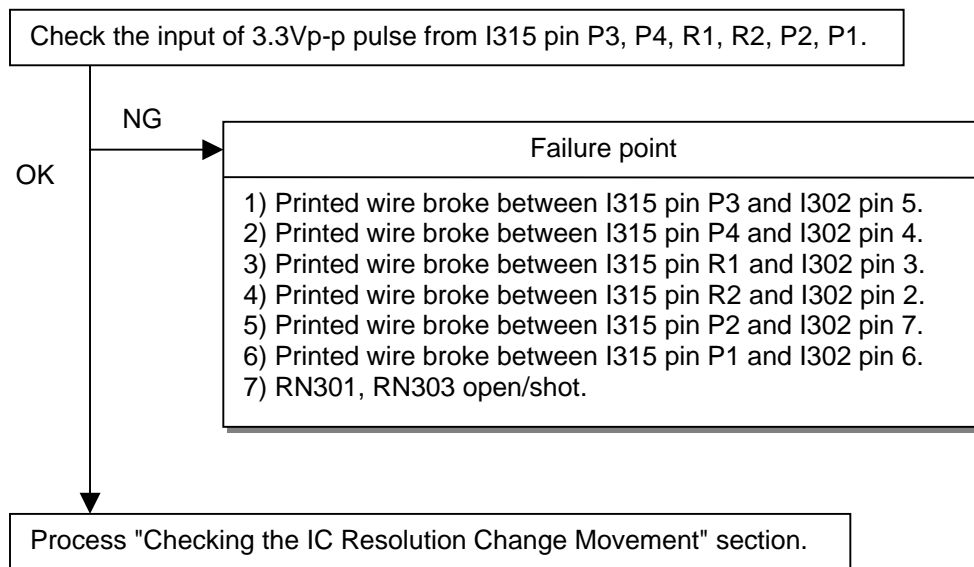




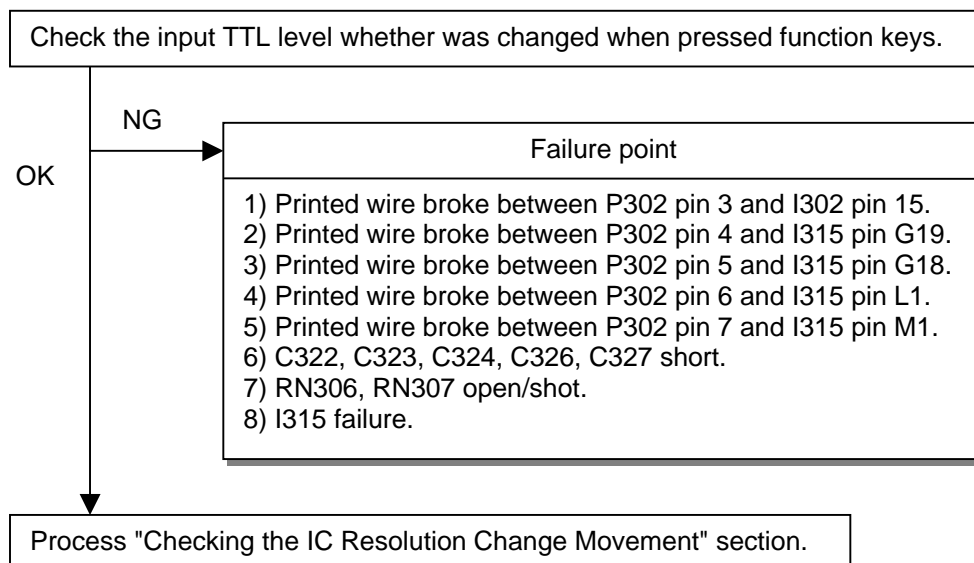


5. No OSM Display

5.1 No OSM Display

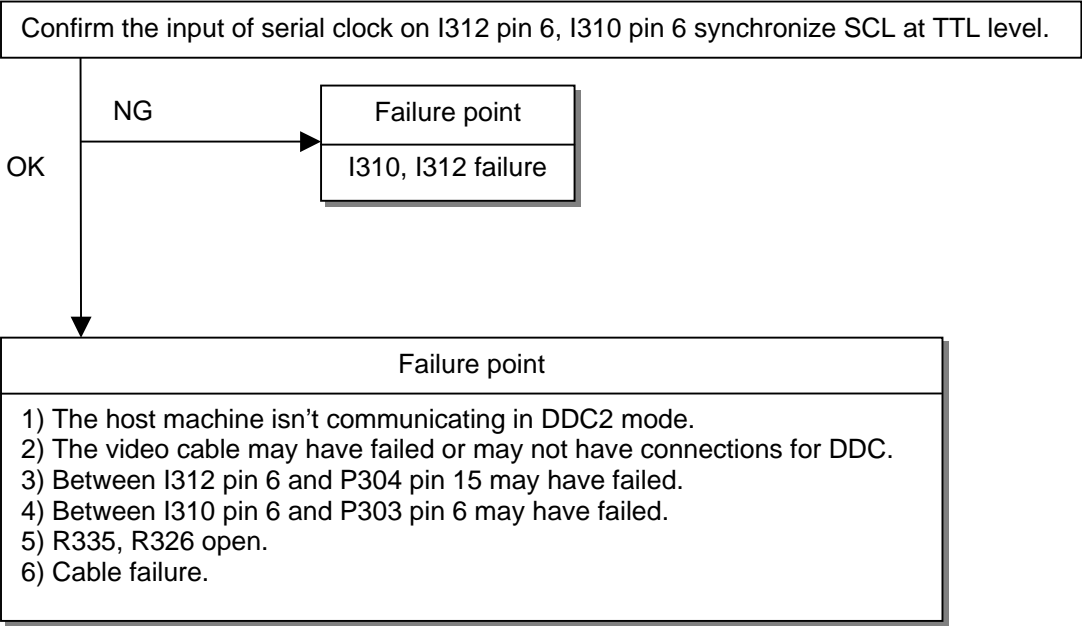


5.2 OSM Adjust Problem



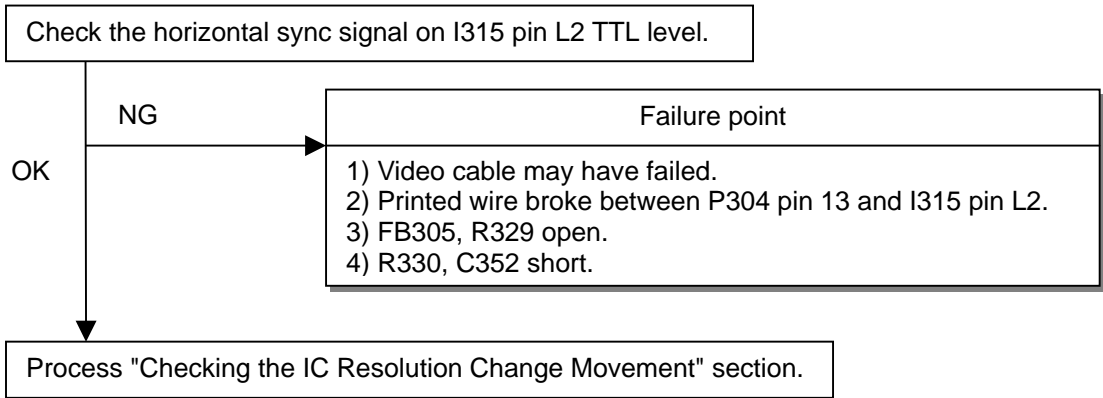
6. Abnormal plug and play operation

Abnormal DDC2

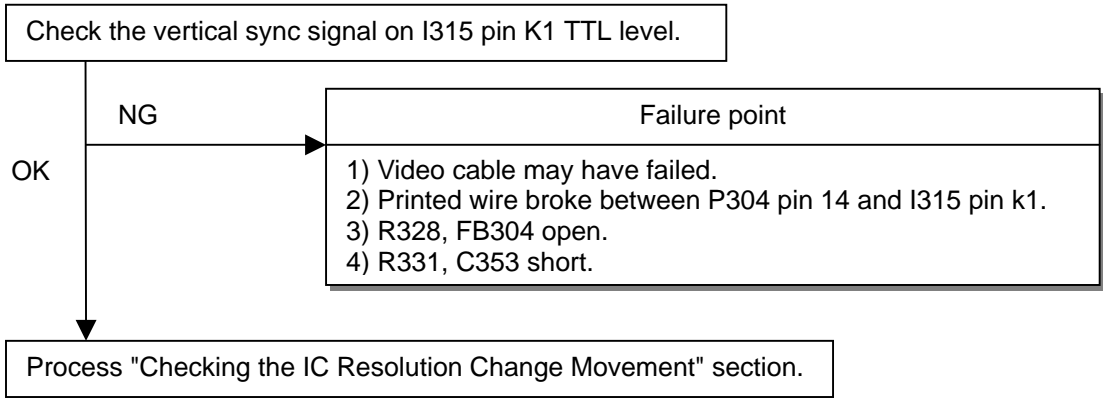


7. Checking the Sync Signal Interface Circuit

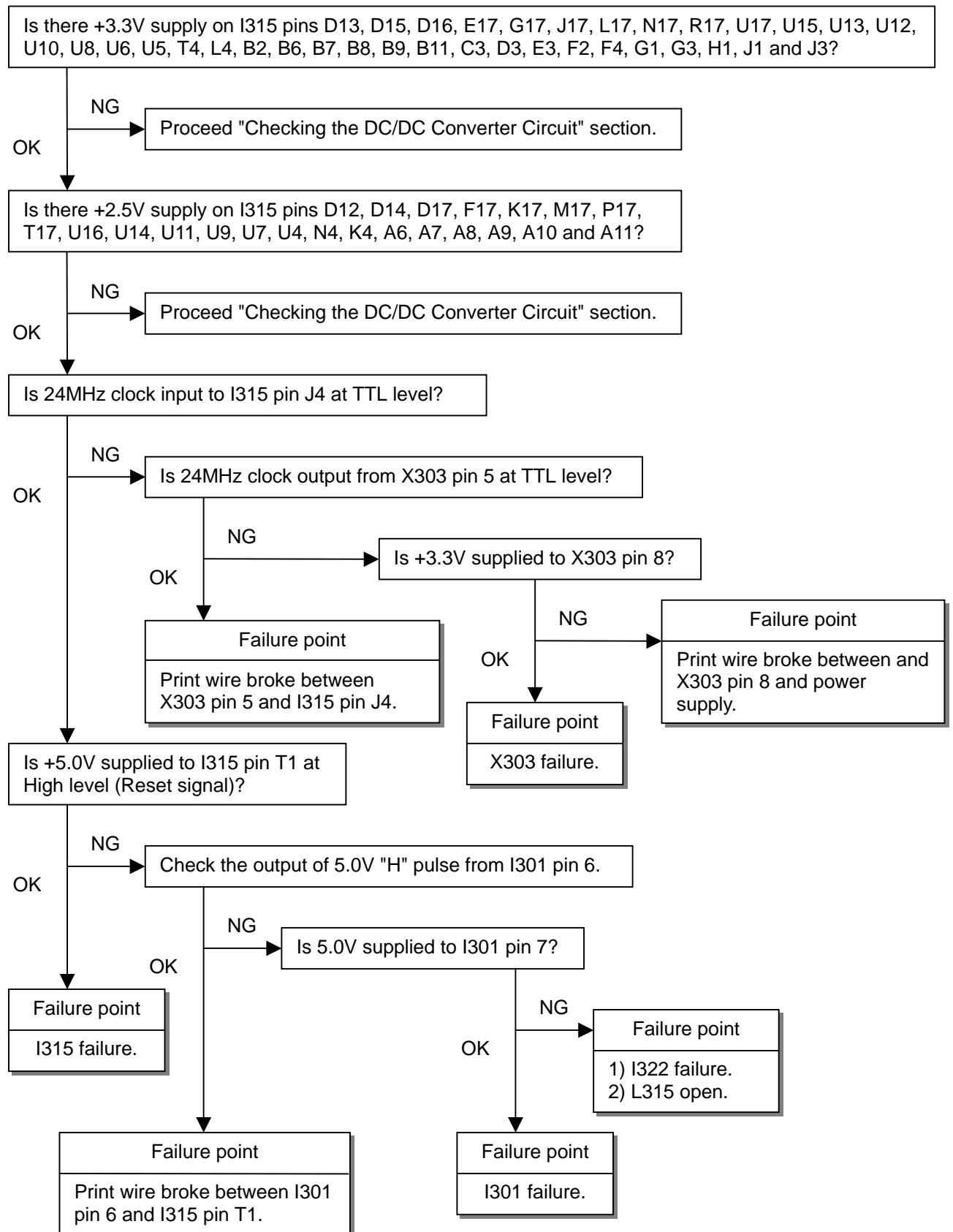
7.1 Checking the Horizontal Sync Pulse Control Circuit



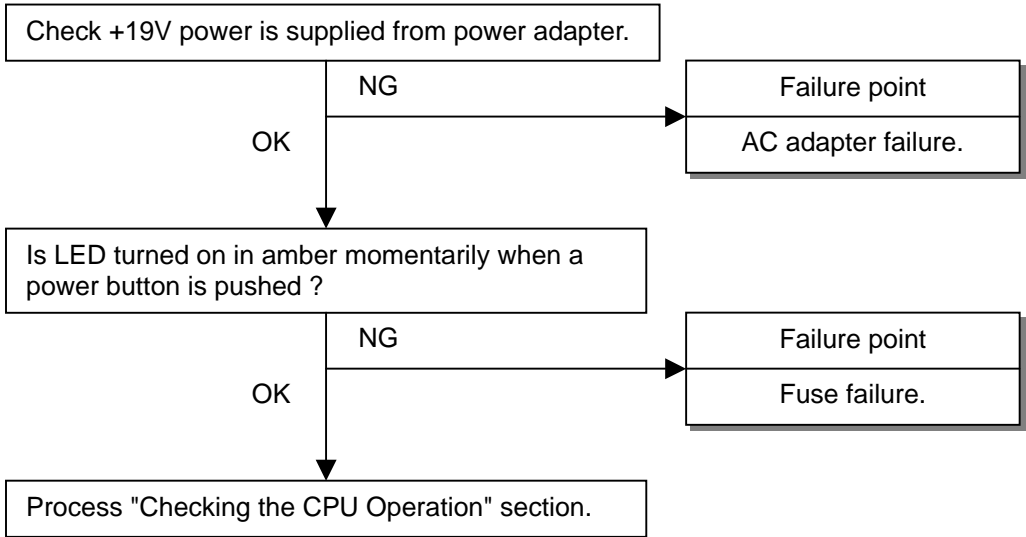
7.2 Checking the Vertical Sync Pulse Control Circuit



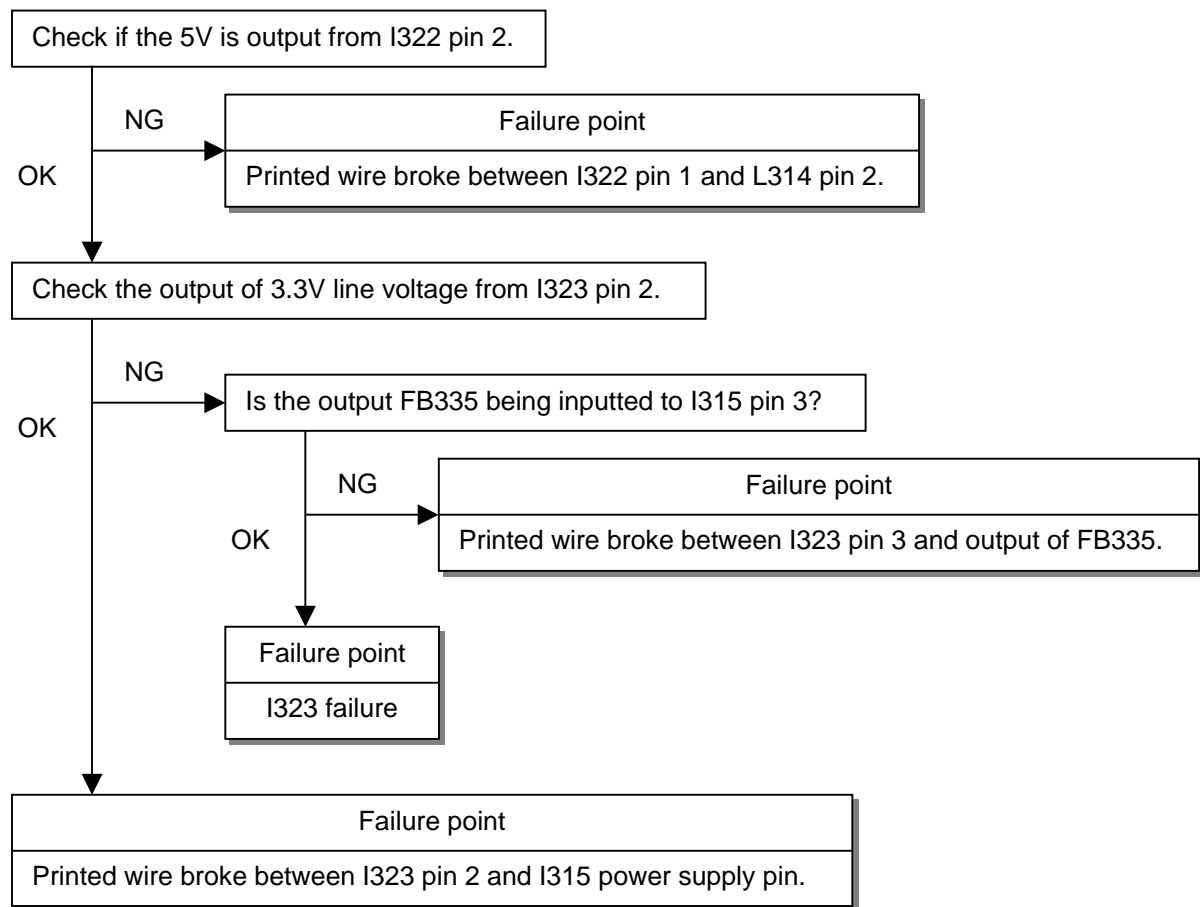
8. Checking the IC Resolution Change Movement



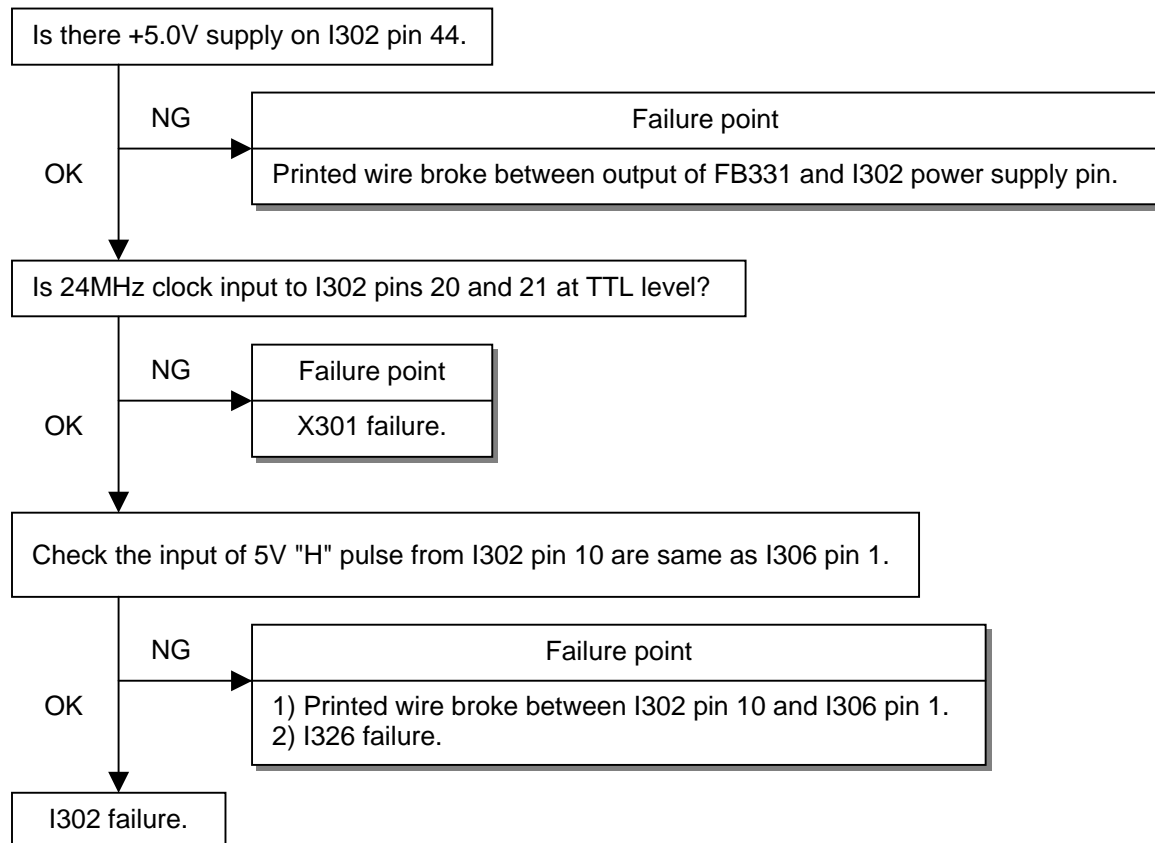
9. No Power On



10. Checking the DC/DC Converter Circuit



11. Checking the CPU Operation



CIRCUIT DESCRIPTION

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1. Power Supply (Circuit Diagram: Power PWB)

1.1 I322: DC-DC Converter

A 5V power supply for LCD module, CPU, and logic is generated from the 19V source.

1.2 I323: 3-terminal Regulator

A 3.3V power supply for Scaler IC I315, LVDS IC I319, I320 is generated from the 5V source.

1.3 I330: 3-terminal Regulator

A 3.3V power supply for SDRAM IC I316, I317, I318 is generated from the 5V source.

1.4 I324: 3-terminal Regulator

A 2.5V power supply for Scaler IC I315 is generated from the 5V source.

Q307, I321 ON/OFF control for LCD module.

ON/OFF control is performed for power ON/OFF and also for the power saving sequence.

2. Video Input Circuit (Circuit Diagram: Interface PWB)

The analog video signal input to I/F board from P304, the AC-coupled video signal is used to clamp the block level at 0V.

The digital video signal (TMDS) input to I/F board from P303.

3. Definition Converter LSI Peripheral Circuit (Circuit Diagram: Interface PWB)

I315 gm5020 is the definition converter LSI.

The analog R,G,B signal input entered from the video input circuit is converted into the digital data of video signal through the incorporated A/D converter. Based on this conversion, this device performs interpolation during pixel extension. The source voltage for this device is 3.3V, 2.5V and the system clock frequency is 24MHz. The withstand voltage level for the input signal voltage is 3.3V and 5V.

4. System Reset, LED Control Circuit (Circuit Diagram: Interface PWB)

4.1 System Reset

System reset is performed by detecting the rising and falling of the 5V source voltage at I301.

4.2 LED Control Circuit

LED Green / Amber color is controlled with signal from I302 pins 25 and 26.

(Circuit Diagram: Interface PWB).

5. E²PROM for PnP (Circuit Diagram: Interface PWB)

6. E²PROM (Circuit Diagram: Interface PWB)

Data transfer between I305 (AT24 C16) and CPU by the IIC bus SCL (pin 15) and SDA (pin 16) of I302. The data to be transferred to each device are stored in I305.

- I315 control data.
- OSD related setting data.
- Other control data for service menu.

7. CPU Circuit (Circuit Diagram: Interface PWB)

I302 functions as the CPU.

The source voltage for the device is 5.0V and the system clock frequency is 24MHz.

7.1 Detection of POWER Switch Status

The I302 identifies the ON status of the two power supplies. The identification is made when the power supply is turned off. For example, if the power supply is turned off with the POWER switch, the POWER switch must be turned on when activating the power supply again. If the power supply is turned off by pulling out the power cord, then this power supply can be turned on by connecting the power cord, without pressing the POWER switch.

7.2 Display Mode Identification

7.2.1 Functions

(1) Display mode identification

- The display mode of input signal is identified based on Table 1.
- When the mode has been identified through the measurement of horizontal and vertical frequencies, the total number of lines is determined with a formula of Horizontal frequency / Vertical frequency = Total number of lines. Final identification can be made by examining the coincidence of the obtained figure with the number of lines for the mode identified from the frequency. The boundary number of lines in each mode is shown in Table 2.
- When the detected frequency if the sync signal has changed, the total number of lines should be counted even through it identified frequency in the same mode.

(2) Power Save Mode

The power save mode is assumed when the horizontal / vertical signals are as specified below.

- If there is no horizontal sync signal input.
- If there is no vertical sync signal input.
- If the horizontal sync signal outside the measuring range of gm5020.
- If the vertical sync signal outside the measuring range of gm5020.

Table 1

Table 2 the number of the lines, Vsync distinction

Mode	Resolution	H-freq (KHz)	Band Width (MHz)	Polarity	
				H	V
1.	VGA 720 x 400 70Hz	31.47	28.322	-	+
2.	VGA 640 x 480 60Hz	31.47	25.175	-	-
3.	MAC 640 x 480 66Hz	35	32.24	-	-
4.	VESA 640 x 480 72Hz	37.86	31.5	-	-
5.	VESA 640 x 480 75Hz	37.5	31.5	-	-
6.	VESA 800 x 600 56Hz	35.16	36	+	+
7.	VESA 800 x 600 60Hz	37.88	40	+	+
8.	VESA 800 x 600 75Hz	46.88	49.5	+	+
9.	VESA 800 x 600 72Hz	48.08	50	+	+
10.	MAC 832 x 624 75Hz	49.72	57.283	-	-
11.	VESA 1024 x 768 60Hz	48.36	65	-	-
12.	VESA 1024 x 768 70Hz	56.48	75	-	-
13.	VESA 1024 x 768 75Hz	60.02	78.75	+	+
14.	VESA 1280 x 1024 60Hz	64	108	+	+
15.	VESA 1280 x 1024 75Hz	80	135	+	+
16.	VESA 1152 x 864 75Hz	67.5	108	+	+
17.	VESA 1280 x 960 60Hz	60	108	+	+
18.	1152 x 900 66Hz	61.85	94.5	+	+

Indication resolution	The number of the distinction	Distinction Vsync	The fixed mode
640 x 480	487 < LINE < 607	FV < 63Hz	2
		63Hz < fV < 68Hz	3
		68Hz < fV ≤ 74Hz	4
		74Hz < fV < 78Hz	5
800 x 600	607 < LINE ≤ 777	FV ≤ 58Hz	6
		58Hz < fV ≤ 63Hz	7
		63Hz < fV < 73Hz	9
		73Hz < fV < 78Hz	8
832 x 624	640 < LINE	-	10
1024 x 768	768 < LINE < 870	FV < 63Hz	11
		68Hz < fV < 73Hz	12
		73Hz < fV < 78Hz	13
1152 x 864	870 < LINE < 1031		16
1280 x 960	960 < LINE < 1027		17
1280 x 1024	1027 < LINE		14, 15

7.3 User Control

7.3.1 Related Ports of I315 and I302 Pin Functions

Port	Pin No.	I/O	Signal name	Function	Remarks
GPI04	I315, M1	I	NENU	EXIT/ENTER switch input	ENTER/Withdraw from OSD
GPI05	I315, L1	I	DOWN	▼ switch input	(▼)key
GPI06	I315, G18	I	–	◀ switch input	(◀)key
GPI07	I315, G19	I	+	▶ switch input	(▶)key
GPI0	I302, 15	I	POWER	Soft power switch input	(power)key

7.3.2 Functions

The value of each parameter in the OSD can be adjusted by the tact switch. Whether the switch has been pressed is identified with the switch input level that is turned “L”.

Each switch input port is pulled up at outside of I302.

Each parameter is stored in the EEPROM, the contents of which are updated as required.

7.4 Control of Definition Converter gm5020 (I315)

7.4.1 Ports related to control

Pin No.	I/O	Signal name	Function
R3	I	IRQ	GmZan1 interrupt signal
P1	O	HCLK	GmZan1 serial clock
P3, P4, R1, R2	I/O	HDATA	GmZan1 serial data
P2	O	HFS	GmZan1 serial select

7.4.2 Related ports of I315 and I302.

Port	Pin No.	I/O	Signal name	Function
P3.5	17	I	IICCLK	IIC bus clock
P3.4	16	I/O	IICDATA	IIC bus data

7.4.3 Functions

Major function of I315 are as follows:

- (1) Expansion of the display screen.
- (2) Timing control for various signal types.
- (3) Power-supply sequence (LCD panel).

7.5 I²C Bus Control

7.5.1 Related Ports of I302 (as 7.4.2)

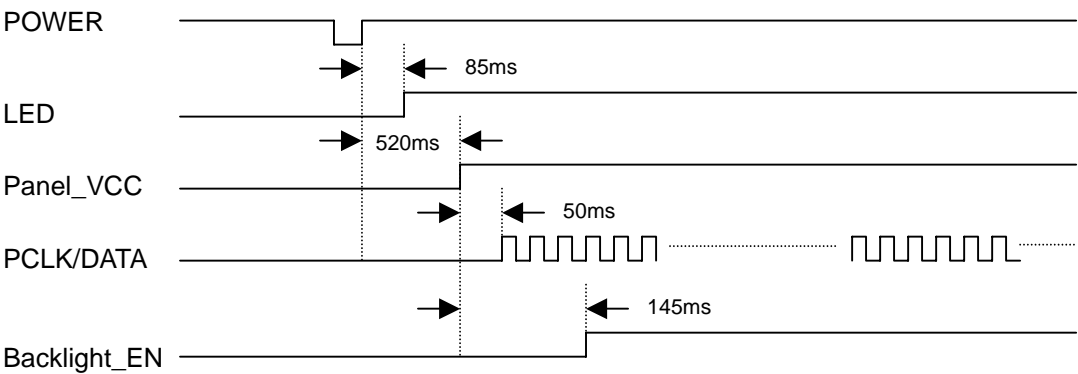
7.5.2 I²C-controlled Functions

The following functional controls are effected by I²C.

- (1) Control of EEPROM I305 for parameter setting.

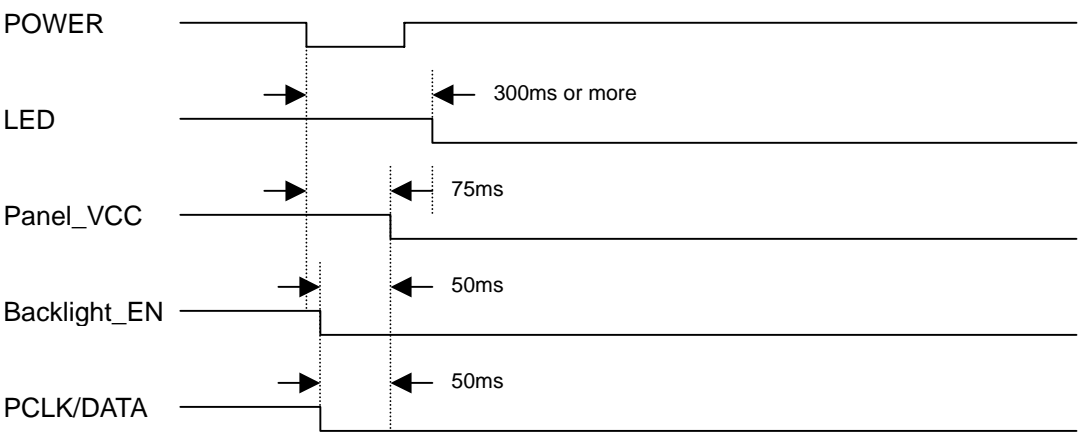
7.6 Power ON Sequence

When the POWER switch is pressed, the POWER OFF signal is turned “H”. When this “H” potential is detected, the CPU begins to establish the respective power supplies according to the sequence shown below.



7.7 Power OFF Sequence

When the POWER switch is pressed while the power supply is ON, the POWER ON signal is turned “H”. When shown below. His “H” potential is detected, the CPU begins to turn off the respective power supplies according to the sequence.



7.8 List of CPU Pin Assignments

Port	Pin No.	Signal Name	Initial Setting	Function	Remark
~	1	NC	~	~	
P1.0	2	HDATA0	~	gm5020 4bit interface data	
P1.1	3	HDATA1	~	gm5020 4bit interface data	
P1.2	4	HDATA2	~	gm5020 4bit interface data	
P1.3	5	HDATA3	~	gm5020 4bit interface data	
P1.4	6	HCLK	~	gm5020 4bit interface clock	
P1.5	7	HFS	~	gm5020 data enable	
P1.6	8	Bank	~	~	
P1.9	9	PWM	~	Pulse width modulation	
~	10	RST	L	Reset CPU	Active H
P3.0	11	RXD	H	Receive data	
~	12	NC	~	~	
P3.1	13	TXD	H	Transmit data	
P3.2	14	IRQ	~	gm5020 interrupt signal	
P3.3	15	PWR_SW	~	ON/OFF monitor power	
P3.4	16	SDA	H	IIC Bus data	
P3.5	17	SCL	~	IIC Bus data	Active L
P3.6	18	P3.6	H	External Memrv Write Enable	
P3.7	19	DDC_GND	L	Detect Dsub cable plug-in	
~	20	XTAL2	~	Crystal signal out	
~	21	XTAL	~	Crystal signal in	
~	22	GND	~	~	
~	23	NC	~	~	
P2.0	24	A8	~	High-order address byte	
P2.1	25	A9	~	High-order address byte	
P2.2	26	A10	~	High-order address byte	
P2.3	27	A11	~	High-order address byte	
P2.4	28	A12	~	High-order address byte	
P2.5	29	A13	~	High-order address byte	
P2.6	30	A14	~	High-order address byte	
P2.7	31	A15	~	High-order address byte	
~	32	PSEN#	H	Program store enable	
~	33	ALE	~	Address latch enable	
~	34	NC	~	~	
~	35	EA#	H	External Access Enable	
P0.7	36	D7(USB_ON)	H	USB HUB power Enable(option)	
P0.6	37	D6(MUTE)	H	Audio MUTE Enable	
P0.5	38	D5(LVCC)	L	Audio suspend Enable	
P0.4	39	D4(LEDGRN)	H	LED Green ON	
P0.3	40	D3(LEDANBER)	L	LED AMBER ON	
P0.2	41	D2(BKLT_EN)	~	Inverter back light Enable	
P0.1	42	D1(LVDS ON)	H	LVDS IC Enable	
P0.0	43	D0(PANEL EN)	H	Panel power Enable	
~	44	VCC	~	VCC	

REPLACEMENT PARTS LIST(For U.S.)

The components specified for Model LCD1700NX(A)

SYMBOL	Part No for Lite-on	DESCRIPTION
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*** ICS ***

I301	6444006108	IC-M51953AFP-8P-SOP
I302	6448018900	IC-CPU-SM89516C25J-44PIN-
I305	6448016508	IC-EEPROM-24LC16B/SN-8P-S
I306	6446006608	IC-TTL-74HCT573DT-20P-SMD
I310	6448018208	IC 24LC02B 8PIN SOP MICRO
I312	6448018208	IC 24LC02B 8PIN SOP MICRO
I315	6444007608	IC-CMOS-GM5020-292P-BGA-G
I316	6448018128	IC-CPU-W981616BH-7-50PIN-
I317	6448018128	IC-CPU-W981616BH-7-50PIN-
I318	6448018128	IC-CPU-W981616BH-7-50PIN-
I319	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I320	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I321	6442027308	IC SI4431DY 8P SOP
I322	6442024106	IC LM2596S-5.0 TO-263(S)
I323	6442023326	IC AIC1084 33CM 3P TO26
I324	6442028308	IC SI3025LS 8P SOP SANKEN
I325	6446002406	IC 74HCT08 14P SMD
I326	6446002506	IC 74HCT04 14P SMD
I327	6442001908	IC LM358DT 8P SOP ST
I330	6442023326	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	6422003508	TR NPN PMBT2222A SOT-23
Q304	6422003508	TR NPN PMBT2222A SOT-23
Q307	6422007308	TR NPN SST3904 SMD
Q308	6422007308	TR NPN SST3904 SMD
Q309	6423000708	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	6412019508	DIODE DAN217 T146 SMD3
D303	6412019508	DIODE DAN217 T146 SMD3
D304	6412019508	DIODE DAN217 T146 SMD3
D305	6412019508	DIODE DAN217 T146 SMD3
D306	6412019508	DIODE DAN217 T146 SMD3
D307	6412019508	DIODE DAN217 T146 SMD3
D308	6412019508	DIODE DAN217 T146 SMD3
D309	6412019508	DIODE DAN217 T146 SMD3
D311	6412019508	DIODE DAN217 T146 SMD3
D312	6412001778	DIODE-MM4148-SMD-GOODARK
D313	6412001778	DIODE-MM4148-SMD-GOODARK
D314	6412019508	DIODE DAN217 T146 SMD3

SYMBOL	Part No for Lite-on	DESCRIPTION
D316	6414056038	DIODE ZNR RLZ TE-11 5.6B
D317	6412001778	DIODE-MM4148-SMD-GOODARK
D318	6414056038	DIODE ZNR RLZ TE-11 5.6B
D319	6412001778	DIODE-MM4148-SMD-GOODARK
D320	6414056038	DIODE ZNR RLZ TE-11 5.6B
D321	6412001778	DIODE-MM4148-SMD-GOODARK
D322	6412001778	DIODE-MM4148-SMD-GOODARK
D323	6414056038	DIODE ZNR RLZ TE-11 5.6B
D324	6412001778	DIODE-MM4148-SMD-GOODARK
D325	6414056038	DIODE ZNR RLZ TE-11 5.6B
D326	6412001778	DIODE-MM4148-SMD-GOODARK
D327	6412019508	DIODE DAN217 T146 SMD3
D328	6414056038	DIODE ZNR RLZ TE-11 5.6B
D329	6412019508	DIODE DAN217 T146 SMD3
D330	6412019508	DIODE DAN217 T146 SMD3
D331	6412019508	DIODE DAN217 T146 SMD3
D343	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D344	6412019418	DIODE WI. RLS73 130MA/80V
D345	6412019418	DIODE WI. RLS73 130MA/80V
D346	6412019418	DIODE WI. RLS73 130MA/80V
D347	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D600	6418004401	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW602	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW603	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW604	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW605	6853001100	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	5113800014	FUNCTION KEY BD
INTBD	5113300109	INTERFACE BD
INVA	6716009410	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	6881101108	BEAD CORE WB201209F050QST
FB302	6881100928	BEAD CORE WB201209B260QNT
FB303	6881101108	BEAD CORE WB201209F050QST
FB304	6881101898	BEAD CORE BK 2125 HS 431
FB305	6881101898	BEAD CORE BK 2125 HS 431
FB306	6881101108	BEAD CORE WB201209F050QST
FB307	6881101108	BEAD CORE WB201209F050QST
FB308	6881101108	BEAD CORE WB201209F050QST
FB314	6881600308	BEAD CORE WB160808B121QNT
FB316	6881600308	BEAD CORE WB160808B121QNT
FB317	6881600308	BEAD CORE WB160808B121QNT
FB318	6881600308	BEAD CORE WB160808B121QNT

SYMBOL	Part No for Lite-on	DESCRIPTION
FB319	6881600308	BEAD CORE WB160808B121QNT
FB321	6881800858	BEAD COREHB-1P4516-600T60
FB322	6881600308	BEAD CORE WB160808B121QNT
FB323	6881600308	BEAD CORE WB160808B121QNT
FB324	6881800858	BEAD COREHB-1P4516-600T60
FB325	6881200658	BEAD CORE HH-1M3216-121JT
FB326	6881006200	BEAD CORE W4B RH
FB327	6881006200	BEAD CORE W4B RH
FB328	6881200658	BEAD CORE HH-1M3216-121JT
FB330	6881006200	BEAD CORE W4B RH
FB331	6881900528	CORE BEAD WB453215B121QST
FB332	6881006200	BEAD CORE W4B RH
FB333	6881900528	CORE BEAD WB453215B121QST
FB334	6881100406	BEAD CORE WB201209B300QST
FB335	6881200658	BEAD CORE HH-1M3216-121JT
FB340	6881100406	BEAD CORE WB201209B300QST
FB341	6881100406	BEAD CORE WB201209B300QST
FB342	6881200658	BEAD CORE HH-1M3216-121JT
L302	6855003500	EMI FILTER EF-1T2012-050J
L303	6855003500	EMI FILTER EF-1T2012-050J
L304	6855003500	EMI FILTER EF-1T2012-050J
L314	6111566130	COIL CHOKE--UH-56--DRWW10
L315	6111686132	COIL CHOKE--UH-68-K--
L316	6111569170	COIL CHOKE--UH-5.6-K-DRWW
L321	6881101758	CORE-BEAD-HB-1B2012-601T0
L322	6881101758	CORE-BEAD-HB-1B2012-601T0
L325	6881900468	BEAD CORE STC222B 1210
L326	6881900468	BEAD CORE STC222B 1210
L327	6881900468	BEAD CORE STC222B 1210
L328	6881900468	BEAD CORE STC222B 1210
L331	6881900468	BEAD CORE STC222B 1210
R338	6881602278	CORE-BEAD-SBK160808T 400Y
R342	6881602278	CORE-BEAD-SBK160808T 400Y
R346	6881602278	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	6851105092	FUSE SLOW TR5-T CG90L=4.3
PC01	6716000710	CABLE-POWER -ONLYCG700MAK
PC02	6716009502	ADAPTOR-POWER-AC-DC 19V/6
V001	6715005842	CABLE-VIDEO-DSUBX2-1800MM
V002	6711300030-03	HARNESS--30P-190MM-20276#
V003	6711120170-01	HARNESS--12P/9P-340MM-CG1
V004	6711060410-00	HARNESS--6P/5P-50MM-1007#
V170	6814002700	LCD TX43D15VC0CAD
X301	6449002660	CRYSTAL-24MHZ-HC-49/S-TOP
X303	6449201000	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for Lite-on	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	7742607686-0A	COVER-CABLE-NMV-U170ATA-J
B01R	7737602659-0A	REAR COVER ASS'Y-NMV-U170
B02P	7742607742-0B	COVER-ARM FRONT-NMV-U170A
B02R	7737704456-0A	BASE ASS'Y-NMV-U170ATA-JU
B02T	7742607706-0A	COVER-ARM REAR-NMV-U170AT
F01	7737507302-0A	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	7735425680-0A	LABEL-MODEL LABEL-NEC--U1
P11	7749205499-0A	CARTON BOX LCD1700NX(A)
P21	7749103000-0B	CUSHION-FOAM-EPS-17LCD17"
P31	7749001130-0A	PLASTIC BAG
P32	7749000200-0D	PLASTIC BAG
XTR	7735425965-0A	XTRA VIEW+ LCD1700NX(A)
Y002	7730202473-0A	SETUP SHEET LCD1700NX AN/
Y004	7730202321-0B	CARD-PRODUCT BROCHURE-NEC
Y0A1	7730113688-0A	MANUAL-NEC-LCD1700NX AN/A
Y0B1	7730202435-0A	DISKETTE-NEC-U170ATA-1700
*** RESISTORS ***		
R303	6252330956	CHIP-R OHM 33 1/10W J
R304	6252330956	CHIP-R OHM 33 1/10W J
R305	6252470956	CHIP-R OHM 47 1/10W J
R306	6252470956	CHIP-R OHM 47 1/10W J
R307	6252470156	CHIP-R KOHM 4.7 1/10W J
R308	6252470156	CHIP-R KOHM 4.7 1/10W J
R309	6252470956	CHIP-R OHM 47 1/10W J
R310	6252470956	CHIP-R OHM 47 1/10W J
R311	6252470156	CHIP-R KOHM 4.7 1/10W J
R313	6252470056	R,CHIP R OHM 470 1/10W J
R315	6252470156	CHIP-R KOHM 4.7 1/10W J
R317	6252470056	R,CHIP R OHM 470 1/10W J
R318	6252470156	CHIP-R KOHM 4.7 1/10W J
R319	6252470156	CHIP-R KOHM 4.7 1/10W J
R320	6252470156	CHIP-R KOHM 4.7 1/10W J
R323	6252100256	CHIP-R KOHM 10 1/10W J 06
R326	6252470956	CHIP-R OHM 47 1/10W J
R327	6252470956	CHIP-R OHM 47 1/10W J
R328	6252100056	CHIP-R OHM 100 1/10W J 06
R329	6252100056	CHIP-R OHM 100 1/10W J 06
R330	6252220156	CHIP-R KOHM 2.2 1/10W J
R331	6252220156	CHIP-R KOHM 2.2 1/10W J
R332	6252470156	CHIP-R KOHM 4.7 1/10W J
R333	6252470156	CHIP-R KOHM 4.7 1/10W J
R335	6252470956	CHIP-R OHM 47 1/10W J
R336	6252470956	CHIP-R OHM 47 1/10W J
R337	6252100056	CHIP-R OHM 100 1/10W J 06

SYMBOL	Part No for Lite-on	DESCRIPTION
R339	6252750956	CHIP-R OHM 75 1/10W J
R340	6252100056	CHIP-R OHM 100 1/10W J 06
R341	6252100056	CHIP-R OHM 100 1/10W J 06
R343	6252750956	CHIP-R OHM 75 1/10W J
R344	6252100056	CHIP-R OHM 100 1/10W J 06
R345	6252100056	CHIP-R OHM 100 1/10W J 06
R347	6252750956	CHIP-R OHM 75 1/10W J
R349	6252100056	CHIP-R OHM 100 1/10W J 06
R361	6252100156	R,CHIP R KOHM 1 1/10W J
R362	6252330956	CHIP-R OHM 33 1/10W J
R363	6252820056	RES. CHIP-R-OHM-820-1/10W
R366	6252820056	RES. CHIP-R-OHM-820-1/10W
R368	6252000056	CHIP-R OHM 0 1/10W J 0603
R369	6252120256	R,CHIP R KOHM 12 1/10W J
R370	6252470156	CHIP-R KOHM 4.7 1/10W J
R371	6252470156	CHIP-R KOHM 4.7 1/10W J
R372	6252100056	CHIP-R OHM 100 1/10W J 06
R374	6252000056	CHIP-R OHM 0 1/10W J 0603
R375	6252100256	CHIP-R KOHM 10 1/10W J 06
R376	6252100056	CHIP-R OHM 100 1/10W J 06
R377	6252220156	CHIP-R KOHM 2.2 1/10W J
R380	6252470156	CHIP-R KOHM 4.7 1/10W J
R381	6252470156	CHIP-R KOHM 4.7 1/10W J
R383	6252330956	CHIP-R OHM 33 1/10W J
R384	6252330956	CHIP-R OHM 33 1/10W J
R388	6252470156	CHIP-R KOHM 4.7 1/10W J
R396	6252220956	CHIP-R OHM 22 1/10W J
RN301	6261022818	R,FRN KOHM 1 1/16W J
RN302	6263302818	FRN OHM 33 1/16W J 8P4R
RN303	6261032818	FRN 10KH 1/16W J 8P4R
RN304	6261032818	FRN 10KH 1/16W J 8P4R
RN305	6261032818	FRN 10KH 1/16W J 8P4R
RN306	6261012818	FRN OHM 100 1/16W J 8P4R
RN307	6261012818	FRN OHM 100 1/16W J 8P4R
RN310	6261032818	FRN 10KH 1/16W J 8P4R
RN311	6261032818	FRN 10KH 1/16W J 8P4R
RN312	6261032818	FRN 10KH 1/16W J 8P4R
RN313	6261032818	FRN 10KH 1/16W J 8P4R
RN314	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN315	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN316	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN317	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN318	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN319	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN320	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN321	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN322	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN323	6264702818	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for Lite-on	DESCRIPTION
RN324	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN325	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN326	6264702818	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	6311247009	ALU 47UF 16V 85C SMD
C302	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C303	6371110156	MC PF 100 50V NPO J SMD 0
C304	6371110156	MC PF 100 50V NPO J SMD 0
C305	6371227316	CAP. MC-UF-0.027-50V-K-X7
C306	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C307	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C308	6371122056	MC PF 22 50V NPO J SMD
C309	6371147056	MC 47PF 50V NPO J SMD
C310	6371147056	MC 47PF 50V NPO J SMD
C311	6311222043	C,ALU UF 22 16V T 105C S
C312	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C313	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C314	6371122056	MC PF 22 50V NPO J SMD
C316	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C317	6311347903	ALU UF 4.7 25V 85C T SMD
C318	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C319	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C320	6311347903	ALU UF 4.7 25V 85C T SMD
C321	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C322	6371210306	MC 0.01UF 50V X7R M SMD
C323	6371210306	MC 0.01UF 50V X7R M SMD
C324	6371210306	MC 0.01UF 50V X7R M SMD
C325	6371210306	MC 0.01UF 50V X7R M SMD
C326	6371210306	MC 0.01UF 50V X7R M SMD
C327	6371210306	MC 0.01UF 50V X7R M SMD
C328	6371210306	MC 0.01UF 50V X7R M SMD
C329	6371210306	MC 0.01UF 50V X7R M SMD
C331	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C332	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C333	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C334	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C335	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C336	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C337	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C338	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C340	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C341	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C342	6311210043	ALU 10UF 16V 105C T SMD
C343	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C344	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C347	6371147056	MC 47PF 50V NPO J SMD
C348	6371147056	MC 47PF 50V NPO J SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C349	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C350	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C351	6311210043	ALU 10UF 16V 105C T SMD
C352	6371147056	MC 47PF 50V NPO J SMD
C353	6371147056	MC 47PF 50V NPO J SMD
C354	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C355	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C356	6371147056	MC 47PF 50V NPO J SMD
C357	6371147056	MC 47PF 50V NPO J SMD
C359	6371210306	MC 0.01UF 50V X7R M SMD
C361	6371150956	MC 5PF 50V NPO J SMD 0603
C362	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C363	6371210306	MC 0.01UF 50V X7R M SMD
C364	6371210306	MC 0.01UF 50V X7R M SMD
C365	6371150956	MC 5PF 50V NPO J SMD 0603
C366	6371210306	MC 0.01UF 50V X7R M SMD
C367	6371210306	MC 0.01UF 50V X7R M SMD
C368	6371150956	MC 5PF 50V NPO J SMD 0603
C369	6371210306	MC 0.01UF 50V X7R M SMD
C370	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C371	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C372	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C408	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C409	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C410	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C411	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C412	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C413	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C414	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C415	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C416	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C417	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C418	6371122106	CAP. MC-PF-220-50V-M-NPO-
C419	6371122106	CAP. MC-PF-220-50V-M-NPO-
C420	6371122106	CAP. MC-PF-220-50V-M-NPO-
C421	6371122106	CAP. MC-PF-220-50V-M-NPO-
C422	6371122106	CAP. MC-PF-220-50V-M-NPO-
C423	6371122106	CAP. MC-PF-220-50V-M-NPO-
C424	6371122106	CAP. MC-PF-220-50V-M-NPO-
C425	6371122106	CAP. MC-PF-220-50V-M-NPO-
C426	6371122106	CAP. MC-PF-220-50V-M-NPO-
C427	6311222043	C,ALU UF 22 16V T 105C S
C428	6311222043	C,ALU UF 22 16V T 105C S
C429	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C430	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C431	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C432	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C433	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C434	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C435	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C436	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C437	6371122106	CAP. MC-PF-220-50V-M-NPO-
C438	6371122106	CAP. MC-PF-220-50V-M-NPO-
C439	6371122106	CAP. MC-PF-220-50V-M-NPO-
C440	6371122106	CAP. MC-PF-220-50V-M-NPO-
C441	6371122106	CAP. MC-PF-220-50V-M-NPO-
C442	6371122106	CAP. MC-PF-220-50V-M-NPO-
C443	6371122106	CAP. MC-PF-220-50V-M-NPO-
C444	6371122106	CAP. MC-PF-220-50V-M-NPO-
C445	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C446	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C447	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C448	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C449	6371122106	CAP. MC-PF-220-50V-M-NPO-
C450	6371122106	CAP. MC-PF-220-50V-M-NPO-
C451	6371122106	CAP. MC-PF-220-50V-M-NPO-
C452	6371122106	CAP. MC-PF-220-50V-M-NPO-
C453	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C454	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C455	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C456	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C457	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C458	6371122106	CAP. MC-PF-220-50V-M-NPO-
C459	6371122106	CAP. MC-PF-220-50V-M-NPO-
C460	6371122106	CAP. MC-PF-220-50V-M-NPO-
C463	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C464	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C465	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C466	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C467	6371122106	CAP. MC-PF-220-50V-M-NPO-
C468	6371122106	CAP. MC-PF-220-50V-M-NPO-
C471	6311222043	C,ALU UF 22 16V T 105C S
C472	6311222043	C,ALU UF 22 16V T 105C S
C473	6311222043	C,ALU UF 22 16V T 105C S
C474	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C475	6371122106	CAP. MC-PF-220-50V-M-NPO-
C477	6371133056	MC 33PF 50V NPO J SMD
C482	6311222043	C,ALU UF 22 16V T 105C S
C483	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C484	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C485	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C486	6371122106	CAP. MC-PF-220-50V-M-NPO-
C487	6371122106	CAP. MC-PF-220-50V-M-NPO-
C488	6371122106	CAP. MC-PF-220-50V-M-NPO-
C489	6311222043	C,ALU UF 22 16V T 105C S
C490	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C491	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C492	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C493	6371122106	CAP. MC-PF-220-50V-M-NPO-
C494	6371122106	CAP. MC-PF-220-50V-M-NPO-
C495	6371122106	CAP. MC-PF-220-50V-M-NPO-
C496	6311222043	C,ALU UF 22 16V T 105C S
C497	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C498	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C499	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C500	6371122106	CAP. MC-PF-220-50V-M-NPO-
C501	6371122106	CAP. MC-PF-220-50V-M-NPO-
C502	6371122106	CAP. MC-PF-220-50V-M-NPO-
C503	6371147056	MC 47PF 50V NPO J SMD
C504	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C505	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C506	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C507	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C508	6371210306	MC 0.01UF 50V X7R M SMD
C509	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C510	6311210043	ALU 10UF 16V 105C T SMD
C511	6371210306	MC 0.01UF 50V X7R M SMD
C512	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C513	6311210043	ALU 10UF 16V 105C T SMD
C514	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C515	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C516	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C517	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C518	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C519	6311368149	C,ALU UF 680 25V NF 105C
C520	6371210306	MC 0.01UF 50V X7R M SMD
C521	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C522	6311210043	ALU 10UF 16V 105C T SMD
C523	6371210306	MC 0.01UF 50V X7R M SMD
C524	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C525	6311210043	ALU 10UF 16V 105C T SMD
C526	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C527	6371210306	MC 0.01UF 50V X7R M SMD
C528	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C529	6311210043	ALU 10UF 16V 105C T SMD
C530	6311210043	ALU 10UF 16V 105C T SMD
C531	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C532	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C533	6311368149	C,ALU UF 680 25V NF 105C
C534	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C535	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C536	6371147056	MC 47PF 50V NPO J SMD
C537	6371147056	MC 47PF 50V NPO J SMD
C538	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C539	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C540	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C552	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C553	6311368149	C,ALU UF 680 25V NF 105C
C554	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C555	6311368149	C,ALU UF 680 25V NF 105C
C556	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C557	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C558	6311368149	C,ALU UF 680 25V NF 105C
C559	6311368149	C,ALU UF 680 25V NF 105C
C560	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C561	6311247009	ALU 47UF 16V 85C SMD
C562	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C563	6311122149	CAP. ALU-UF-220-10V-NF-10
C564	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C565	6311122149	CAP. ALU-UF-220-10V-NF-10
C566	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C567	6311210043	ALU 10UF 16V 105C T SMD
C568	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C569	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C570	6311247009	ALU 47UF 16V 85C SMD
C571	6311247009	ALU 47UF 16V 85C SMD
C572	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C573	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C574	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C575	6311247053	C,ALU UF 47 16V SMD 105C
C576	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C577	6371210306	MC 0.01UF 50V X7R M SMD
C578	6311122149	CAP. ALU-UF-220-10V-NF-10
C579	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C580	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C581	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C582	6371210306	MC 0.01UF 50V X7R M SMD
C583	6371147056	MC 47PF 50V NPO J SMD
C585	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C586	6311122149	CAP. ALU-UF-220-10V-NF-10
C587	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C588	6311122149	CAP. ALU-UF-220-10V-NF-10
C589	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C590	6371127056	CAP. MC-PF-27-50V-J-NPO-S
C6A1	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP302	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP303	6370133019	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for Lite-on	DESCRIPTION
CP304	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP305	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP306	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP307	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP308	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP309	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP310	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP311	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP312	6370133019	CAP. MC-PF-33-50V-K-NPO-S

REPLACEMENT PARTS LIST(For U.S.)

The components specified for Model LCD1700NX-BK(A)

SYMBOL	Part No for Lite-on	DESCRIPTION
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*** ICS ***

I301	6444006108	IC-M51953AFP-8P-SOP
I302	6448018900	IC-CPU-SM89516C25J-44PIN-
I305	6448016508	IC-EEPROM-24LC16B/SN-8P-S
I306	6446006608	IC-TTL-74HCT573DT-20P-SMD
I310	6448018208	IC 24LC02B 8PIN SOP MICRO
I312	6448018208	IC 24LC02B 8PIN SOP MICRO
I315	6444007608	IC-CMOS-GM5020-292P-BGA-G
I316	6448018128	IC-CPU-W981616BH-7-50PIN-
I317	6448018128	IC-CPU-W981616BH-7-50PIN-
I318	6448018128	IC-CPU-W981616BH-7-50PIN-
I319	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I320	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I321	6442027308	IC SI4431DY 8P SOP
I322	6442024106	IC LM2596S-5.0 TO-263(S)
I323	6442023326	IC AIC1084 33CM 3P TO26
I324	6442028308	IC SI3025LS 8P SOP SANKEN
I325	6446002406	IC 74HCT08 14P SMD
I326	6446002506	IC 74HCT04 14P SMD
I327	6442001908	IC LM358DT 8P SOP ST
I330	6442023326	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	6422003508	TR NPN PMBT2222A SOT-23
Q304	6422003508	TR NPN PMBT2222A SOT-23
Q307	6422007308	TR NPN SST3904 SMD
Q308	6422007308	TR NPN SST3904 SMD
Q309	6423000708	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	6412019508	DIODE DAN217 T146 SMD3
D303	6412019508	DIODE DAN217 T146 SMD3
D304	6412019508	DIODE DAN217 T146 SMD3
D305	6412019508	DIODE DAN217 T146 SMD3
D306	6412019508	DIODE DAN217 T146 SMD3
D307	6412019508	DIODE DAN217 T146 SMD3
D308	6412019508	DIODE DAN217 T146 SMD3
D309	6412019508	DIODE DAN217 T146 SMD3
D311	6412019508	DIODE DAN217 T146 SMD3
D312	6412001778	DIODE-MM4148-SMD-GOODARK
D313	6412001778	DIODE-MM4148-SMD-GOODARK
D314	6412019508	DIODE DAN217 T146 SMD3

SYMBOL	Part No for Lite-on	DESCRIPTION
D316	6414056038	DIODE ZNR RLZ TE-11 5.6B
D317	6412001778	DIODE-MM4148-SMD-GOODARK
D318	6414056038	DIODE ZNR RLZ TE-11 5.6B
D319	6412001778	DIODE-MM4148-SMD-GOODARK
D320	6414056038	DIODE ZNR RLZ TE-11 5.6B
D321	6412001778	DIODE-MM4148-SMD-GOODARK
D322	6412001778	DIODE-MM4148-SMD-GOODARK
D323	6414056038	DIODE ZNR RLZ TE-11 5.6B
D324	6412001778	DIODE-MM4148-SMD-GOODARK
D325	6414056038	DIODE ZNR RLZ TE-11 5.6B
D326	6412001778	DIODE-MM4148-SMD-GOODARK
D327	6412019508	DIODE DAN217 T146 SMD3
D328	6414056038	DIODE ZNR RLZ TE-11 5.6B
D329	6412019508	DIODE DAN217 T146 SMD3
D330	6412019508	DIODE DAN217 T146 SMD3
D331	6412019508	DIODE DAN217 T146 SMD3
D343	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D344	6412019418	DIODE WI. RLS73 130MA/80V
D345	6412019418	DIODE WI. RLS73 130MA/80V
D346	6412019418	DIODE WI. RLS73 130MA/80V
D347	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D600	6418004401	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW602	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW603	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW604	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW605	6853001100	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	5113800014	FUNCTION KEY BD
INTBD	5113300109	INTERFACE BD
INVA	6716009410	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	6881101108	BEAD CORE WB201209F050QST
FB302	6881100928	BEAD CORE WB201209B260QNT
FB303	6881101108	BEAD CORE WB201209F050QST
FB304	6881101898	BEAD CORE BK 2125 HS 431
FB305	6881101898	BEAD CORE BK 2125 HS 431
FB306	6881101108	BEAD CORE WB201209F050QST
FB307	6881101108	BEAD CORE WB201209F050QST
FB308	6881101108	BEAD CORE WB201209F050QST
FB314	6881600308	BEAD CORE WB160808B121QNT
FB316	6881600308	BEAD CORE WB160808B121QNT
FB317	6881600308	BEAD CORE WB160808B121QNT
FB318	6881600308	BEAD CORE WB160808B121QNT

SYMBOL	Part No for Lite-on	DESCRIPTION
FB319	6881600308	BEAD CORE WB160808B121QNT
FB321	6881800858	BEAD COREHB-1P4516-600T60
FB322	6881600308	BEAD CORE WB160808B121QNT
FB323	6881600308	BEAD CORE WB160808B121QNT
FB324	6881800858	BEAD COREHB-1P4516-600T60
FB325	6881200658	BEAD CORE HH-1M3216-121JT
FB326	6881006200	BEAD CORE W4B RH
FB327	6881006200	BEAD CORE W4B RH
FB328	6881200658	BEAD CORE HH-1M3216-121JT
FB330	6881006200	BEAD CORE W4B RH
FB331	6881900528	CORE BEAD WB453215B121QST
FB332	6881006200	BEAD CORE W4B RH
FB333	6881900528	CORE BEAD WB453215B121QST
FB334	6881100406	BEAD CORE WB201209B300QST
FB335	6881200658	BEAD CORE HH-1M3216-121JT
FB340	6881100406	BEAD CORE WB201209B300QST
FB341	6881100406	BEAD CORE WB201209B300QST
FB342	6881200658	BEAD CORE HH-1M3216-121JT
L302	6855003500	EMI FILTER EF-1T2012-050J
L303	6855003500	EMI FILTER EF-1T2012-050J
L304	6855003500	EMI FILTER EF-1T2012-050J
L314	6111566130	COIL CHOKE--UH-56--DRWW10
L315	6111686132	COIL CHOKE--UH-68-K--
L316	6111569170	COIL CHOKE--UH-5.6-K-DRWW
L321	6881101758	CORE-BEAD-HB-1B2012-601T0
L322	6881101758	CORE-BEAD-HB-1B2012-601T0
L325	6881900468	BEAD CORE STC222B 1210
L326	6881900468	BEAD CORE STC222B 1210
L327	6881900468	BEAD CORE STC222B 1210
L328	6881900468	BEAD CORE STC222B 1210
L331	6881900468	BEAD CORE STC222B 1210
R338	6881602278	CORE-BEAD-SBK160808T 400Y
R342	6881602278	CORE-BEAD-SBK160808T 400Y
R346	6881602278	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	6851105092	FUSE SLOW TR5-T CG90L=4.3
PC01	6716000710	CABLE-POWER -ONLYCG700MAK
PC02	6716009502	ADAPTOR-POWER-AC-DC 19V/6
V001	6715005842	CABLE-VIDEO-DSUBX2-1800MM
V002	6711300030-03	HARNESS--30P-190MM-20276#
V003	6711120170-01	HARNESS--12P/9P-340MM-CG1
V004	6711060410-00	HARNESS--6P/5P-50MM-1007#
V170	6814002700	LCD TX43D15VC0CAD
X301	6449002660	CRYSTAL-24MHZ-HC-49/S-TOP
X303	6449201000	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for Lite-on	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	7742607687-0A	COVER-CABLE-NMV-U170ATA-J
B01R	7737602661-0A	REAR COVER ASS'Y-NMV-U170
B02P	7742607743-0B	COVER-ARM FRONT-NMV-U170A
B02R	7737704456-0A	BASE ASS'Y-NMV-U170ATA-JU
B02T	7742607707-0A	COVER-ARM REAR-NMV-U170AT
F01	7737507303-0A	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	7735425890-0A	LABEL-MODEL LABEL-NEC--U1
P11	7749205506-0A	CARTON BOX LCD1700NX-BK(A
P21	7749103000-0B	CUSHION-FOAM-EPS-17LCD17"
P31	7749001130-0A	PLASTIC BAG
P32	7749000200-0D	PLASTIC BAG
XTR	7735425970-0A	XTRA VIEW+ LCD1700NX-BK(A
Y002	7730202473-0A	SETUP SHEET LCD1700NX AN/
Y004	7730202321-0B	CARD-PRODUCT BROCHURE-NEC
Y0A1	7730113688-0A	MANUAL-NEC-LCD1700NX AN/A
Y0B1	7730202435-0A	DISKETTE-NEC-U170ATA-1700
*** RESISTORS ***		
R303	6252330956	CHIP-R OHM 33 1/10W J
R304	6252330956	CHIP-R OHM 33 1/10W J
R305	6252470956	CHIP-R OHM 47 1/10W J
R306	6252470956	CHIP-R OHM 47 1/10W J
R307	6252470156	CHIP-R KOHM 4.7 1/10W J
R308	6252470156	CHIP-R KOHM 4.7 1/10W J
R309	6252470956	CHIP-R OHM 47 1/10W J
R310	6252470956	CHIP-R OHM 47 1/10W J
R311	6252470156	CHIP-R KOHM 4.7 1/10W J
R313	6252470056	R,CHIP R OHM 470 1/10W J
R315	6252470156	CHIP-R KOHM 4.7 1/10W J
R317	6252470056	R,CHIP R OHM 470 1/10W J
R318	6252470156	CHIP-R KOHM 4.7 1/10W J
R319	6252470156	CHIP-R KOHM 4.7 1/10W J
R320	6252470156	CHIP-R KOHM 4.7 1/10W J
R323	6252100256	CHIP-R KOHM 10 1/10W J 06
R326	6252470956	CHIP-R OHM 47 1/10W J
R327	6252470956	CHIP-R OHM 47 1/10W J
R328	6252100056	CHIP-R OHM 100 1/10W J 06
R329	6252100056	CHIP-R OHM 100 1/10W J 06
R330	6252220156	CHIP-R KOHM 2.2 1/10W J
R331	6252220156	CHIP-R KOHM 2.2 1/10W J
R332	6252470156	CHIP-R KOHM 4.7 1/10W J
R333	6252470156	CHIP-R KOHM 4.7 1/10W J
R335	6252470956	CHIP-R OHM 47 1/10W J
R336	6252470956	CHIP-R OHM 47 1/10W J
R337	6252100056	CHIP-R OHM 100 1/10W J 06

SYMBOL	Part No for Lite-on	DESCRIPTION
R339	6252750956	CHIP-R OHM 75 1/10W J
R340	6252100056	CHIP-R OHM 100 1/10W J 06
R341	6252100056	CHIP-R OHM 100 1/10W J 06
R343	6252750956	CHIP-R OHM 75 1/10W J
R344	6252100056	CHIP-R OHM 100 1/10W J 06
R345	6252100056	CHIP-R OHM 100 1/10W J 06
R347	6252750956	CHIP-R OHM 75 1/10W J
R349	6252100056	CHIP-R OHM 100 1/10W J 06
R361	6252100156	R,CHIP R KOHM 1 1/10W J
R362	6252330956	CHIP-R OHM 33 1/10W J
R363	6252820056	RES. CHIP-R-OHM-820-1/10W
R366	6252820056	RES. CHIP-R-OHM-820-1/10W
R368	6252000056	CHIP-R OHM 0 1/10W J 0603
R369	6252120256	R,CHIP R KOHM 12 1/10W J
R370	6252470156	CHIP-R KOHM 4.7 1/10W J
R371	6252470156	CHIP-R KOHM 4.7 1/10W J
R372	6252100056	CHIP-R OHM 100 1/10W J 06
R374	6252000056	CHIP-R OHM 0 1/10W J 0603
R375	6252100256	CHIP-R KOHM 10 1/10W J 06
R376	6252100056	CHIP-R OHM 100 1/10W J 06
R377	6252220156	CHIP-R KOHM 2.2 1/10W J
R380	6252470156	CHIP-R KOHM 4.7 1/10W J
R381	6252470156	CHIP-R KOHM 4.7 1/10W J
R383	6252330956	CHIP-R OHM 33 1/10W J
R384	6252330956	CHIP-R OHM 33 1/10W J
R388	6252470156	CHIP-R KOHM 4.7 1/10W J
R396	6252220956	CHIP-R OHM 22 1/10W J
RN301	6261022818	R,FRN KOHM 1 1/16W J
RN302	6263302818	FRN OHM 33 1/16W J 8P4R
RN303	6261032818	FRN 10KH 1/16W J 8P4R
RN304	6261032818	FRN 10KH 1/16W J 8P4R
RN305	6261032818	FRN 10KH 1/16W J 8P4R
RN306	6261012818	FRN OHM 100 1/16W J 8P4R
RN307	6261012818	FRN OHM 100 1/16W J 8P4R
RN310	6261032818	FRN 10KH 1/16W J 8P4R
RN311	6261032818	FRN 10KH 1/16W J 8P4R
RN312	6261032818	FRN 10KH 1/16W J 8P4R
RN313	6261032818	FRN 10KH 1/16W J 8P4R
RN314	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN315	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN316	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN317	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN318	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN319	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN320	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN321	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN322	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN323	6264702818	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for Lite-on	DESCRIPTION
RN324	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN325	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN326	6264702818	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	6311247009	ALU 47UF 16V 85C SMD
C302	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C303	6371110156	MC PF 100 50V NPO J SMD 0
C304	6371110156	MC PF 100 50V NPO J SMD 0
C305	6371227316	CAP. MC-UF-0.027-50V-K-X7
C306	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C307	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C308	6371122056	MC PF 22 50V NPO J SMD
C309	6371147056	MC 47PF 50V NPO J SMD
C310	6371147056	MC 47PF 50V NPO J SMD
C311	6311222043	C,ALU UF 22 16V T 105C S
C312	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C313	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C314	6371122056	MC PF 22 50V NPO J SMD
C316	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C317	6311347903	ALU UF 4.7 25V 85C T SMD
C318	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C319	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C320	6311347903	ALU UF 4.7 25V 85C T SMD
C321	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C322	6371210306	MC 0.01UF 50V X7R M SMD
C323	6371210306	MC 0.01UF 50V X7R M SMD
C324	6371210306	MC 0.01UF 50V X7R M SMD
C325	6371210306	MC 0.01UF 50V X7R M SMD
C326	6371210306	MC 0.01UF 50V X7R M SMD
C327	6371210306	MC 0.01UF 50V X7R M SMD
C328	6371210306	MC 0.01UF 50V X7R M SMD
C329	6371210306	MC 0.01UF 50V X7R M SMD
C331	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C332	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C333	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C334	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C335	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C336	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C337	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C338	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C340	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C341	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C342	6311210043	ALU 10UF 16V 105C T SMD
C343	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C344	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C347	6371147056	MC 47PF 50V NPO J SMD
C348	6371147056	MC 47PF 50V NPO J SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C349	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C350	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C351	6311210043	ALU 10UF 16V 105C T SMD
C352	6371147056	MC 47PF 50V NPO J SMD
C353	6371147056	MC 47PF 50V NPO J SMD
C354	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C355	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C356	6371147056	MC 47PF 50V NPO J SMD
C357	6371147056	MC 47PF 50V NPO J SMD
C359	6371210306	MC 0.01UF 50V X7R M SMD
C361	6371150956	MC 5PF 50V NPO J SMD 0603
C362	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C363	6371210306	MC 0.01UF 50V X7R M SMD
C364	6371210306	MC 0.01UF 50V X7R M SMD
C365	6371150956	MC 5PF 50V NPO J SMD 0603
C366	6371210306	MC 0.01UF 50V X7R M SMD
C367	6371210306	MC 0.01UF 50V X7R M SMD
C368	6371150956	MC 5PF 50V NPO J SMD 0603
C369	6371210306	MC 0.01UF 50V X7R M SMD
C370	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C371	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C372	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C408	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C409	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C410	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C411	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C412	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C413	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C414	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C415	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C416	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C417	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C418	6371122106	CAP. MC-PF-220-50V-M-NPO-
C419	6371122106	CAP. MC-PF-220-50V-M-NPO-
C420	6371122106	CAP. MC-PF-220-50V-M-NPO-
C421	6371122106	CAP. MC-PF-220-50V-M-NPO-
C422	6371122106	CAP. MC-PF-220-50V-M-NPO-
C423	6371122106	CAP. MC-PF-220-50V-M-NPO-
C424	6371122106	CAP. MC-PF-220-50V-M-NPO-
C425	6371122106	CAP. MC-PF-220-50V-M-NPO-
C426	6371122106	CAP. MC-PF-220-50V-M-NPO-
C427	6311222043	C,ALU UF 22 16V T 105C S
C428	6311222043	C,ALU UF 22 16V T 105C S
C429	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C430	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C431	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C432	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C433	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C434	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C435	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C436	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C437	6371122106	CAP. MC-PF-220-50V-M-NPO-
C438	6371122106	CAP. MC-PF-220-50V-M-NPO-
C439	6371122106	CAP. MC-PF-220-50V-M-NPO-
C440	6371122106	CAP. MC-PF-220-50V-M-NPO-
C441	6371122106	CAP. MC-PF-220-50V-M-NPO-
C442	6371122106	CAP. MC-PF-220-50V-M-NPO-
C443	6371122106	CAP. MC-PF-220-50V-M-NPO-
C444	6371122106	CAP. MC-PF-220-50V-M-NPO-
C445	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C446	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C447	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C448	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C449	6371122106	CAP. MC-PF-220-50V-M-NPO-
C450	6371122106	CAP. MC-PF-220-50V-M-NPO-
C451	6371122106	CAP. MC-PF-220-50V-M-NPO-
C452	6371122106	CAP. MC-PF-220-50V-M-NPO-
C453	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C454	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C455	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C456	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C457	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C458	6371122106	CAP. MC-PF-220-50V-M-NPO-
C459	6371122106	CAP. MC-PF-220-50V-M-NPO-
C460	6371122106	CAP. MC-PF-220-50V-M-NPO-
C463	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C464	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C465	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C466	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C467	6371122106	CAP. MC-PF-220-50V-M-NPO-
C468	6371122106	CAP. MC-PF-220-50V-M-NPO-
C471	6311222043	C,ALU UF 22 16V T 105C S
C472	6311222043	C,ALU UF 22 16V T 105C S
C473	6311222043	C,ALU UF 22 16V T 105C S
C474	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C475	6371122106	CAP. MC-PF-220-50V-M-NPO-
C477	6371133056	MC 33PF 50V NPO J SMD
C482	6311222043	C,ALU UF 22 16V T 105C S
C483	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C484	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C485	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C486	6371122106	CAP. MC-PF-220-50V-M-NPO-
C487	6371122106	CAP. MC-PF-220-50V-M-NPO-
C488	6371122106	CAP. MC-PF-220-50V-M-NPO-
C489	6311222043	C,ALU UF 22 16V T 105C S
C490	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C491	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C492	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C493	6371122106	CAP. MC-PF-220-50V-M-NPO-
C494	6371122106	CAP. MC-PF-220-50V-M-NPO-
C495	6371122106	CAP. MC-PF-220-50V-M-NPO-
C496	6311222043	C,ALU UF 22 16V T 105C S
C497	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C498	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C499	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C500	6371122106	CAP. MC-PF-220-50V-M-NPO-
C501	6371122106	CAP. MC-PF-220-50V-M-NPO-
C502	6371122106	CAP. MC-PF-220-50V-M-NPO-
C503	6371147056	MC 47PF 50V NPO J SMD
C504	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C505	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C506	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C507	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C508	6371210306	MC 0.01UF 50V X7R M SMD
C509	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C510	6311210043	ALU 10UF 16V 105C T SMD
C511	6371210306	MC 0.01UF 50V X7R M SMD
C512	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C513	6311210043	ALU 10UF 16V 105C T SMD
C514	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C515	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C516	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C517	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C518	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C519	6311368149	C,ALU UF 680 25V NF 105C
C520	6371210306	MC 0.01UF 50V X7R M SMD
C521	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C522	6311210043	ALU 10UF 16V 105C T SMD
C523	6371210306	MC 0.01UF 50V X7R M SMD
C524	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C525	6311210043	ALU 10UF 16V 105C T SMD
C526	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C527	6371210306	MC 0.01UF 50V X7R M SMD
C528	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C529	6311210043	ALU 10UF 16V 105C T SMD
C530	6311210043	ALU 10UF 16V 105C T SMD
C531	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C532	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C533	6311368149	C,ALU UF 680 25V NF 105C
C534	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C535	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C536	6371147056	MC 47PF 50V NPO J SMD
C537	6371147056	MC 47PF 50V NPO J SMD
C538	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C539	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C540	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C552	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C553	6311368149	C,ALU UF 680 25V NF 105C
C554	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C555	6311368149	C,ALU UF 680 25V NF 105C
C556	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C557	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C558	6311368149	C,ALU UF 680 25V NF 105C
C559	6311368149	C,ALU UF 680 25V NF 105C
C560	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C561	6311247009	ALU 47UF 16V 85C SMD
C562	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C563	6311122149	CAP. ALU-UF-220-10V-NF-10
C564	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C565	6311122149	CAP. ALU-UF-220-10V-NF-10
C566	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C567	6311210043	ALU 10UF 16V 105C T SMD
C568	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C569	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C570	6311247009	ALU 47UF 16V 85C SMD
C571	6311247009	ALU 47UF 16V 85C SMD
C572	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C573	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C574	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C575	6311247053	C,ALU UF 47 16V SMD 105C
C576	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C577	6371210306	MC 0.01UF 50V X7R M SMD
C578	6311122149	CAP. ALU-UF-220-10V-NF-10
C579	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C580	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C581	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C582	6371210306	MC 0.01UF 50V X7R M SMD
C583	6371147056	MC 47PF 50V NPO J SMD
C585	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C586	6311122149	CAP. ALU-UF-220-10V-NF-10
C587	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C588	6311122149	CAP. ALU-UF-220-10V-NF-10
C589	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C590	6371127056	CAP. MC-PF-27-50V-J-NPO-S
C6A1	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP302	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP303	6370133019	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for Lite-on	DESCRIPTION
CP304	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP305	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP306	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP307	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP308	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP309	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP310	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP311	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP312	6370133019	CAP. MC-PF-33-50V-K-NPO-S

REPLACEMENT PARTS LIST(For Europe)

The components specified for Model LCD1700NX(B)

SYMBOL	Part No for Lite-on	DESCRIPTION
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*** ICS ***

I301	6444006108	IC-M51953AFP-8P-SOP
I302	6448018900	IC-CPU-SM89516C25J-44PIN-
I305	6448016508	IC-EEPROM-24LC16B/SN-8P-S
I306	6446006608	IC-TTL-74HCT573DT-20P-SMD
I310	6448018208	IC 24LC02B 8PIN SOP MICRO
I312	6448018208	IC 24LC02B 8PIN SOP MICRO
I315	6444007608	IC-CMOS-GM5020-292P-BGA-G
I316	6448018128	IC-CPU-W981616BH-7-50PIN-
I317	6448018128	IC-CPU-W981616BH-7-50PIN-
I318	6448018128	IC-CPU-W981616BH-7-50PIN-
I319	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I320	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I321	6442027308	IC SI4431DY 8P SOP
I322	6442024106	IC LM2596S-5.0 TO-263(S)
I323	6442023326	IC AIC1084 33CM 3P TO26
I324	6442028308	IC SI3025LS 8P SOP SANKEN
I325	6446002406	IC 74HCT08 14P SMD
I326	6446002506	IC 74HCT04 14P SMD
I327	6442001908	IC LM358DT 8P SOP ST
I330	6442023326	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	6422003508	TR NPN PMBT2222A SOT-23
Q304	6422003508	TR NPN PMBT2222A SOT-23
Q307	6422007308	TR NPN SST3904 SMD
Q308	6422007308	TR NPN SST3904 SMD
Q309	6423000708	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	6412019508	DIODE DAN217 T146 SMD3
D303	6412019508	DIODE DAN217 T146 SMD3
D304	6412019508	DIODE DAN217 T146 SMD3
D305	6412019508	DIODE DAN217 T146 SMD3
D306	6412019508	DIODE DAN217 T146 SMD3
D307	6412019508	DIODE DAN217 T146 SMD3
D308	6412019508	DIODE DAN217 T146 SMD3
D309	6412019508	DIODE DAN217 T146 SMD3
D311	6412019508	DIODE DAN217 T146 SMD3
D312	6412001778	DIODE-MM4148-SMD-GOODARK
D313	6412001778	DIODE-MM4148-SMD-GOODARK
D314	6412019508	DIODE DAN217 T146 SMD3

SYMBOL	Part No for Lite-on	DESCRIPTION
D316	6414056038	DIODE ZNR RLZ TE-11 5.6B
D317	6412001778	DIODE-MM4148-SMD-GOODARK
D318	6414056038	DIODE ZNR RLZ TE-11 5.6B
D319	6412001778	DIODE-MM4148-SMD-GOODARK
D320	6414056038	DIODE ZNR RLZ TE-11 5.6B
D321	6412001778	DIODE-MM4148-SMD-GOODARK
D322	6412001778	DIODE-MM4148-SMD-GOODARK
D323	6414056038	DIODE ZNR RLZ TE-11 5.6B
D324	6412001778	DIODE-MM4148-SMD-GOODARK
D325	6414056038	DIODE ZNR RLZ TE-11 5.6B
D326	6412001778	DIODE-MM4148-SMD-GOODARK
D327	6412019508	DIODE DAN217 T146 SMD3
D328	6414056038	DIODE ZNR RLZ TE-11 5.6B
D329	6412019508	DIODE DAN217 T146 SMD3
D330	6412019508	DIODE DAN217 T146 SMD3
D331	6412019508	DIODE DAN217 T146 SMD3
D343	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D344	6412019418	DIODE WI. RLS73 130MA/80V
D345	6412019418	DIODE WI. RLS73 130MA/80V
D346	6412019418	DIODE WI. RLS73 130MA/80V
D347	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D600	6418004401	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW602	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW603	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW604	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW605	6853001100	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	5113800014	FUNCTION KEY BD
INTBD	5113300109	INTERFACE BD
INVA	6716009410	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	6881101108	BEAD CORE WB201209F050QST
FB302	6881100928	BEAD CORE WB201209B260QNT
FB303	6881101108	BEAD CORE WB201209F050QST
FB304	6881101898	BEAD CORE BK 2125 HS 431
FB305	6881101898	BEAD CORE BK 2125 HS 431
FB306	6881101108	BEAD CORE WB201209F050QST
FB307	6881101108	BEAD CORE WB201209F050QST
FB308	6881101108	BEAD CORE WB201209F050QST
FB314	6881600308	BEAD CORE WB160808B121QNT
FB316	6881600308	BEAD CORE WB160808B121QNT
FB317	6881600308	BEAD CORE WB160808B121QNT
FB318	6881600308	BEAD CORE WB160808B121QNT

SYMBOL	Part No for Lite-on	DESCRIPTION
FB319	6881600308	BEAD CORE WB160808B121QNT
FB321	6881800858	BEAD COREHB-1P4516-600T60
FB322	6881600308	BEAD CORE WB160808B121QNT
FB323	6881600308	BEAD CORE WB160808B121QNT
FB324	6881800858	BEAD COREHB-1P4516-600T60
FB325	6881200658	BEAD CORE HH-1M3216-121JT
FB326	6881006200	BEAD CORE W4B RH
FB327	6881006200	BEAD CORE W4B RH
FB328	6881200658	BEAD CORE HH-1M3216-121JT
FB330	6881006200	BEAD CORE W4B RH
FB331	6881900528	CORE BEAD WB453215B121QST
FB332	6881006200	BEAD CORE W4B RH
FB333	6881900528	CORE BEAD WB453215B121QST
FB334	6881100406	BEAD CORE WB201209B300QST
FB335	6881200658	BEAD CORE HH-1M3216-121JT
FB340	6881100406	BEAD CORE WB201209B300QST
FB341	6881100406	BEAD CORE WB201209B300QST
FB342	6881200658	BEAD CORE HH-1M3216-121JT
L302	6855003500	EMI FILTER EF-1T2012-050J
L303	6855003500	EMI FILTER EF-1T2012-050J
L304	6855003500	EMI FILTER EF-1T2012-050J
L314	6111566130	COIL CHOKE--UH-56--DRWW10
L315	6111686132	COIL CHOKE--UH-68-K--
L316	6111569170	COIL CHOKE--UH-5.6-K-DRWW
L321	6881101758	CORE-BEAD-HB-1B2012-601T0
L322	6881101758	CORE-BEAD-HB-1B2012-601T0
L325	6881900468	BEAD CORE STC222B 1210
L326	6881900468	BEAD CORE STC222B 1210
L327	6881900468	BEAD CORE STC222B 1210
L328	6881900468	BEAD CORE STC222B 1210
L331	6881900468	BEAD CORE STC222B 1210
R338	6881602278	CORE-BEAD-SBK160808T 400Y
R342	6881602278	CORE-BEAD-SBK160808T 400Y
R346	6881602278	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	6851105092	FUSE SLOW TR5-T CG90L=4.3
PC01	6716004833	CABLE-POWER--1800MM-BLACK
PC02	6716009502	ADAPTOR-POWER-AC-DC 19V/6
V001	6715005842	CABLE-VIDEO-DSUBX2-1800MM
V002	6711300030-03	HARNESS--30P-190MM-20276#
V003	6711120170-01	HARNESS--12P/9P-340MM-CG1
V004	6711060410-00	HARNESS--6P/5P-50MM-1007#
V170	6814002700	LCD TX43D15VC0CAD
X301	6449002660	CRYSTAL-24MHZ-HC-49/S-TOP
X303	6449201000	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for Lite-on	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	7742607686-0A	COVER-CABLE-NMV-U170ATA-J
B01R	7737602659-0A	REAR COVER ASS'Y-NMV-U170
B02P	7742607742-0A	COVER-ARM FRONT-NMV-U170A
B02R	7737704456-0A	BASE ASS'Y-NMV-U170ATA-JU
B02T	7742607706-0A	COVER-ARM REAR-NMV-U170AT
F01	7737507302-0A	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	7735425680-0A	LABEL-MODEL LABEL-NEC--U1
CD	7730202445-0A	CD-ROM LCD1700NX BN/BNBK
P11	7749205491-0A	CARTON-NEC-U170ATA
P21	7749103000-0B	CUSHION-FOAM-EPS-17LCD17"
P31	7749001130-0A	PLASTIC BAG
P32	7749000200-0D	PLASTIC BAG
Y002	7730202436-0A	CARD-SET UP CARD-NEC-U170
Y004	7730202321-0B	CARD-PRODUCT BROCHURE-NEC
Y0A1	7730113650-0A	MANUAL-NEC-U170ATA-1700VI
Y0B1	7730202435-0A	DISKETTE-NEC-U170ATA-1700
Y0C1	7730202367-0A	CARD-SALES OFFICE LIST-NE
Y0D1	7730202421-0A	CD-CD SLEEVE-MITSUBISHI-F
*** RESISTORS ***		
R303	6252330956	CHIP-R OHM 33 1/10W J
R304	6252330956	CHIP-R OHM 33 1/10W J
R305	6252470956	CHIP-R OHM 47 1/10W J
R306	6252470956	CHIP-R OHM 47 1/10W J
R307	6252470156	CHIP-R KOHM 4.7 1/10W J
R308	6252470156	CHIP-R KOHM 4.7 1/10W J
R309	6252470956	CHIP-R OHM 47 1/10W J
R310	6252470956	CHIP-R OHM 47 1/10W J
R311	6252470156	CHIP-R KOHM 4.7 1/10W J
R313	6252470056	R,CHIP R OHM 470 1/10W J
R315	6252470156	CHIP-R KOHM 4.7 1/10W J
R317	6252470056	R,CHIP R OHM 470 1/10W J
R318	6252470156	CHIP-R KOHM 4.7 1/10W J
R319	6252470156	CHIP-R KOHM 4.7 1/10W J
R320	6252470156	CHIP-R KOHM 4.7 1/10W J
R323	6252100256	CHIP-R KOHM 10 1/10W J 06
R326	6252470956	CHIP-R OHM 47 1/10W J
R327	6252470956	CHIP-R OHM 47 1/10W J
R328	6252100056	CHIP-R OHM 100 1/10W J 06
R329	6252100056	CHIP-R OHM 100 1/10W J 06
R330	6252220156	CHIP-R KOHM 2.2 1/10W J
R331	6252220156	CHIP-R KOHM 2.2 1/10W J
R332	6252470156	CHIP-R KOHM 4.7 1/10W J
R333	6252470156	CHIP-R KOHM 4.7 1/10W J
R335	6252470956	CHIP-R OHM 47 1/10W J

SYMBOL	Part No for Lite-on	DESCRIPTION
R336	6252470956	CHIP-R OHM 47 1/10W J
R337	6252100056	CHIP-R OHM 100 1/10W J 06
R339	6252750956	CHIP-R OHM 75 1/10W J
R340	6252100056	CHIP-R OHM 100 1/10W J 06
R341	6252100056	CHIP-R OHM 100 1/10W J 06
R343	6252750956	CHIP-R OHM 75 1/10W J
R344	6252100056	CHIP-R OHM 100 1/10W J 06
R345	6252100056	CHIP-R OHM 100 1/10W J 06
R347	6252750956	CHIP-R OHM 75 1/10W J
R349	6252100056	CHIP-R OHM 100 1/10W J 06
R361	6252100156	R,CHIP R KOHM 1 1/10W J
R362	6252330956	CHIP-R OHM 33 1/10W J
R363	6252820056	RES. CHIP-R-OHM-820-1/10W
R366	6252820056	RES. CHIP-R-OHM-820-1/10W
R368	6252000056	CHIP-R OHM 0 1/10W J 0603
R369	6252120256	R,CHIP R KOHM 12 1/10W J
R370	6252470156	CHIP-R KOHM 4.7 1/10W J
R371	6252470156	CHIP-R KOHM 4.7 1/10W J
R372	6252100056	CHIP-R OHM 100 1/10W J 06
R374	6252000056	CHIP-R OHM 0 1/10W J 0603
R375	6252100256	CHIP-R KOHM 10 1/10W J 06
R376	6252100056	CHIP-R OHM 100 1/10W J 06
R377	6252220156	CHIP-R KOHM 2.2 1/10W J
R380	6252470156	CHIP-R KOHM 4.7 1/10W J
R381	6252470156	CHIP-R KOHM 4.7 1/10W J
R383	6252330956	CHIP-R OHM 33 1/10W J
R384	6252330956	CHIP-R OHM 33 1/10W J
R388	6252470156	CHIP-R KOHM 4.7 1/10W J
R396	6252220956	CHIP-R OHM 22 1/10W J
RN301	6261022818	R,FRN KOHM 1 1/16W J
RN302	6263302818	FRN OHM 33 1/16W J 8P4R
RN303	6261032818	FRN 10KH 1/16W J 8P4R
RN304	6261032818	FRN 10KH 1/16W J 8P4R
RN305	6261032818	FRN 10KH 1/16W J 8P4R
RN306	6261012818	FRN OHM 100 1/16W J 8P4R
RN307	6261012818	FRN OHM 100 1/16W J 8P4R
RN310	6261032818	FRN 10KH 1/16W J 8P4R
RN311	6261032818	FRN 10KH 1/16W J 8P4R
RN312	6261032818	FRN 10KH 1/16W J 8P4R
RN313	6261032818	FRN 10KH 1/16W J 8P4R
RN314	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN315	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN316	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN317	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN318	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN319	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN320	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN321	6264702818	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for Lite-on	DESCRIPTION
RN322	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN323	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN324	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN325	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN326	6264702818	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	6311247009	ALU 47UF 16V 85C SMD
C302	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C303	6371110156	MC PF 100 50V NPO J SMD 0
C304	6371110156	MC PF 100 50V NPO J SMD 0
C305	6371227316	CAP. MC-UF-0.027-50V-K-X7
C306	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C307	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C308	6371122056	MC PF 22 50V NPO J SMD
C309	6371147056	MC 47PF 50V NPO J SMD
C310	6371147056	MC 47PF 50V NPO J SMD
C311	6311222043	C,ALU UF 22 16V T 105C S
C312	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C313	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C314	6371122056	MC PF 22 50V NPO J SMD
C316	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C317	6311347903	ALU UF 4.7 25V 85C T SMD
C318	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C319	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C320	6311347903	ALU UF 4.7 25V 85C T SMD
C321	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C322	6371210306	MC 0.01UF 50V X7R M SMD
C323	6371210306	MC 0.01UF 50V X7R M SMD
C324	6371210306	MC 0.01UF 50V X7R M SMD
C325	6371210306	MC 0.01UF 50V X7R M SMD
C326	6371210306	MC 0.01UF 50V X7R M SMD
C327	6371210306	MC 0.01UF 50V X7R M SMD
C328	6371210306	MC 0.01UF 50V X7R M SMD
C329	6371210306	MC 0.01UF 50V X7R M SMD
C331	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C332	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C333	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C334	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C335	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C336	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C337	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C338	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C340	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C341	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C342	6311210043	ALU 10UF 16V 105C T SMD
C343	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C344	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C347	6371147056	MC 47PF 50V NPO J SMD
C348	6371147056	MC 47PF 50V NPO J SMD
C349	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C350	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C351	6311210043	ALU 10UF 16V 105C T SMD
C352	6371147056	MC 47PF 50V NPO J SMD
C353	6371147056	MC 47PF 50V NPO J SMD
C354	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C355	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C356	6371147056	MC 47PF 50V NPO J SMD
C357	6371147056	MC 47PF 50V NPO J SMD
C359	6371210306	MC 0.01UF 50V X7R M SMD
C361	6371150956	MC 5PF 50V NPO J SMD 0603
C362	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C363	6371210306	MC 0.01UF 50V X7R M SMD
C364	6371210306	MC 0.01UF 50V X7R M SMD
C365	6371150956	MC 5PF 50V NPO J SMD 0603
C366	6371210306	MC 0.01UF 50V X7R M SMD
C367	6371210306	MC 0.01UF 50V X7R M SMD
C368	6371150956	MC 5PF 50V NPO J SMD 0603
C369	6371210306	MC 0.01UF 50V X7R M SMD
C370	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C371	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C372	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C408	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C409	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C410	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C411	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C412	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C413	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C414	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C415	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C416	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C417	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C418	6371122106	CAP. MC-PF-220-50V-M-NPO-
C419	6371122106	CAP. MC-PF-220-50V-M-NPO-
C420	6371122106	CAP. MC-PF-220-50V-M-NPO-
C421	6371122106	CAP. MC-PF-220-50V-M-NPO-
C422	6371122106	CAP. MC-PF-220-50V-M-NPO-
C423	6371122106	CAP. MC-PF-220-50V-M-NPO-
C424	6371122106	CAP. MC-PF-220-50V-M-NPO-
C425	6371122106	CAP. MC-PF-220-50V-M-NPO-
C426	6371122106	CAP. MC-PF-220-50V-M-NPO-
C427	6311222043	C,ALU UF 22 16V T 105C S
C428	6311222043	C,ALU UF 22 16V T 105C S
C429	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C430	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C431	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C432	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C433	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C434	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C435	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C436	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C437	6371122106	CAP. MC-PF-220-50V-M-NPO-
C438	6371122106	CAP. MC-PF-220-50V-M-NPO-
C439	6371122106	CAP. MC-PF-220-50V-M-NPO-
C440	6371122106	CAP. MC-PF-220-50V-M-NPO-
C441	6371122106	CAP. MC-PF-220-50V-M-NPO-
C442	6371122106	CAP. MC-PF-220-50V-M-NPO-
C443	6371122106	CAP. MC-PF-220-50V-M-NPO-
C444	6371122106	CAP. MC-PF-220-50V-M-NPO-
C445	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C446	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C447	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C448	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C449	6371122106	CAP. MC-PF-220-50V-M-NPO-
C450	6371122106	CAP. MC-PF-220-50V-M-NPO-
C451	6371122106	CAP. MC-PF-220-50V-M-NPO-
C452	6371122106	CAP. MC-PF-220-50V-M-NPO-
C453	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C454	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C455	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C456	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C457	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C458	6371122106	CAP. MC-PF-220-50V-M-NPO-
C459	6371122106	CAP. MC-PF-220-50V-M-NPO-
C460	6371122106	CAP. MC-PF-220-50V-M-NPO-
C463	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C464	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C465	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C466	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C467	6371122106	CAP. MC-PF-220-50V-M-NPO-
C468	6371122106	CAP. MC-PF-220-50V-M-NPO-
C471	6311222043	C,ALU UF 22 16V T 105C S
C472	6311222043	C,ALU UF 22 16V T 105C S
C473	6311222043	C,ALU UF 22 16V T 105C S
C474	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C475	6371122106	CAP. MC-PF-220-50V-M-NPO-
C477	6371133056	MC 33PF 50V NPO J SMD
C482	6311222043	C,ALU UF 22 16V T 105C S
C483	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C484	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C485	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C486	6371122106	CAP. MC-PF-220-50V-M-NPO-
C487	6371122106	CAP. MC-PF-220-50V-M-NPO-
C488	6371122106	CAP. MC-PF-220-50V-M-NPO-

SYMBOL	Part No for Lite-on	DESCRIPTION
C489	6311222043	C,ALU UF 22 16V T 105C S
C490	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C491	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C492	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C493	6371122106	CAP. MC-PF-220-50V-M-NPO-
C494	6371122106	CAP. MC-PF-220-50V-M-NPO-
C495	6371122106	CAP. MC-PF-220-50V-M-NPO-
C496	6311222043	C,ALU UF 22 16V T 105C S
C497	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C498	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C499	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C500	6371122106	CAP. MC-PF-220-50V-M-NPO-
C501	6371122106	CAP. MC-PF-220-50V-M-NPO-
C502	6371122106	CAP. MC-PF-220-50V-M-NPO-
C503	6371147056	MC 47PF 50V NPO J SMD
C504	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C505	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C506	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C507	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C508	6371210306	MC 0.01UF 50V X7R M SMD
C509	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C510	6311210043	ALU 10UF 16V 105C T SMD
C511	6371210306	MC 0.01UF 50V X7R M SMD
C512	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C513	6311210043	ALU 10UF 16V 105C T SMD
C514	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C515	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C516	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C517	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C518	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C519	6311368149	C,ALU UF 680 25V NF 105C
C520	6371210306	MC 0.01UF 50V X7R M SMD
C521	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C522	6311210043	ALU 10UF 16V 105C T SMD
C523	6371210306	MC 0.01UF 50V X7R M SMD
C524	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C525	6311210043	ALU 10UF 16V 105C T SMD
C526	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C527	6371210306	MC 0.01UF 50V X7R M SMD
C528	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C529	6311210043	ALU 10UF 16V 105C T SMD
C530	6311210043	ALU 10UF 16V 105C T SMD
C531	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C532	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C533	6311368149	C,ALU UF 680 25V NF 105C
C534	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C535	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C536	6371147056	MC 47PF 50V NPO J SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C537	6371147056	MC 47PF 50V NPO J SMD
C538	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C539	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C540	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C552	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C553	6311368149	C,ALU UF 680 25V NF 105C
C554	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C555	6311368149	C,ALU UF 680 25V NF 105C
C556	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C557	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C558	6311368149	C,ALU UF 680 25V NF 105C
C559	6311368149	C,ALU UF 680 25V NF 105C
C560	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C561	6311247009	ALU 47UF 16V 85C SMD
C562	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C563	6311122149	CAP. ALU-UF-220-10V-NF-10
C564	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C565	6311122149	CAP. ALU-UF-220-10V-NF-10
C566	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C567	6311210043	ALU 10UF 16V 105C T SMD
C568	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C569	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C570	6311247009	ALU 47UF 16V 85C SMD
C571	6311247009	ALU 47UF 16V 85C SMD
C572	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C573	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C574	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C575	6311247053	C,ALU UF 47 16V SMD 105C
C576	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C577	6371210306	MC 0.01UF 50V X7R M SMD
C578	6311122149	CAP. ALU-UF-220-10V-NF-10
C579	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C580	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C581	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C582	6371210306	MC 0.01UF 50V X7R M SMD
C583	6371147056	MC 47PF 50V NPO J SMD
C585	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C586	6311122149	CAP. ALU-UF-220-10V-NF-10
C587	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C588	6311122149	CAP. ALU-UF-220-10V-NF-10
C589	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C590	6371127056	CAP. MC-PF-27-50V-J-NPO-S
C6A1	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	6370133019	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for Lite-on	DESCRIPTION
CP302	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP303	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP304	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP305	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP306	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP307	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP308	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP309	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP310	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP311	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP312	6370133019	CAP. MC-PF-33-50V-K-NPO-S

REPLACEMENT PARTS LIST(For Europe)

The components specified for Model LCD1700NX-BK(B)

SYMBOL	Part No for Lite-on	DESCRIPTION
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*** ICS ***

I301	6444006108	IC-M51953AFP-8P-SOP
I302	6448018900	IC-CPU-SM89516C25J-44PIN-
I305	6448016508	IC-EEPROM-24LC16B/SN-8P-S
I306	6446006608	IC-TTL-74HCT573DT-20P-SMD
I310	6448018208	IC 24LC02B 8PIN SOP MICRO
I312	6448018208	IC 24LC02B 8PIN SOP MICRO
I315	6444007608	IC-CMOS-GM5020-292P-BGA-G
I316	6448018128	IC-CPU-W981616BH-7-50PIN-
I317	6448018128	IC-CPU-W981616BH-7-50PIN-
I318	6448018128	IC-CPU-W981616BH-7-50PIN-
I319	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I320	6444007728	IC-CPU-NT7181F/B-56PIN-TS
I321	6442027308	IC SI4431DY 8P SOP
I322	6442024106	IC LM2596S-5.0 TO-263(S)
I323	6442023326	IC AIC1084 33CM 3P TO26
I324	6442028308	IC SI3025LS 8P SOP SANKEN
I325	6446002406	IC 74HCT08 14P SMD
I326	6446002506	IC 74HCT04 14P SMD
I327	6442001908	IC LM358DT 8P SOP ST
I330	6442023326	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	6422003508	TR NPN PMBT2222A SOT-23
Q304	6422003508	TR NPN PMBT2222A SOT-23
Q307	6422007308	TR NPN SST3904 SMD
Q308	6422007308	TR NPN SST3904 SMD
Q309	6423000708	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	6412019508	DIODE DAN217 T146 SMD3
D303	6412019508	DIODE DAN217 T146 SMD3
D304	6412019508	DIODE DAN217 T146 SMD3
D305	6412019508	DIODE DAN217 T146 SMD3
D306	6412019508	DIODE DAN217 T146 SMD3
D307	6412019508	DIODE DAN217 T146 SMD3
D308	6412019508	DIODE DAN217 T146 SMD3
D309	6412019508	DIODE DAN217 T146 SMD3
D311	6412019508	DIODE DAN217 T146 SMD3
D312	6412001778	DIODE-MM4148-SMD-GOODARK
D313	6412001778	DIODE-MM4148-SMD-GOODARK
D314	6412019508	DIODE DAN217 T146 SMD3

SYMBOL	Part No for Lite-on	DESCRIPTION
D316	6414056038	DIODE ZNR RLZ TE-11 5.6B
D317	6412001778	DIODE-MM4148-SMD-GOODARK
D318	6414056038	DIODE ZNR RLZ TE-11 5.6B
D319	6412001778	DIODE-MM4148-SMD-GOODARK
D320	6414056038	DIODE ZNR RLZ TE-11 5.6B
D321	6412001778	DIODE-MM4148-SMD-GOODARK
D322	6412001778	DIODE-MM4148-SMD-GOODARK
D323	6414056038	DIODE ZNR RLZ TE-11 5.6B
D324	6412001778	DIODE-MM4148-SMD-GOODARK
D325	6414056038	DIODE ZNR RLZ TE-11 5.6B
D326	6412001778	DIODE-MM4148-SMD-GOODARK
D327	6412019508	DIODE DAN217 T146 SMD3
D328	6414056038	DIODE ZNR RLZ TE-11 5.6B
D329	6412019508	DIODE DAN217 T146 SMD3
D330	6412019508	DIODE DAN217 T146 SMD3
D331	6412019508	DIODE DAN217 T146 SMD3
D343	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D344	6412019418	DIODE WI. RLS73 130MA/80V
D345	6412019418	DIODE WI. RLS73 130MA/80V
D346	6412019418	DIODE WI. RLS73 130MA/80V
D347	6413040098	DIODE-SCHOTTKY-SS34-3A/40
D600	6418004401	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW602	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW603	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW604	6853001100	SWITCH-TACT-SKHHAK2510-UE
SW605	6853001100	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	5113800014	FUNCTION KEY BD
INTBD	5113300109	INTERFACE BD
INVA	6716009410	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	6881101108	BEAD CORE WB201209F050QST
FB302	6881100928	BEAD CORE WB201209B260QNT
FB303	6881101108	BEAD CORE WB201209F050QST
FB304	6881101898	BEAD CORE BK 2125 HS 431
FB305	6881101898	BEAD CORE BK 2125 HS 431
FB306	6881101108	BEAD CORE WB201209F050QST
FB307	6881101108	BEAD CORE WB201209F050QST
FB308	6881101108	BEAD CORE WB201209F050QST
FB314	6881600308	BEAD CORE WB160808B121QNT
FB316	6881600308	BEAD CORE WB160808B121QNT
FB317	6881600308	BEAD CORE WB160808B121QNT
FB318	6881600308	BEAD CORE WB160808B121QNT

SYMBOL	Part No for Lite-on	DESCRIPTION
FB319	6881600308	BEAD CORE WB160808B121QNT
FB321	6881800858	BEAD COREHB-1P4516-600T60
FB322	6881600308	BEAD CORE WB160808B121QNT
FB323	6881600308	BEAD CORE WB160808B121QNT
FB324	6881800858	BEAD COREHB-1P4516-600T60
FB325	6881200658	BEAD CORE HH-1M3216-121JT
FB326	6881006200	BEAD CORE W4B RH
FB327	6881006200	BEAD CORE W4B RH
FB328	6881200658	BEAD CORE HH-1M3216-121JT
FB330	6881006200	BEAD CORE W4B RH
FB331	6881900528	CORE BEAD WB453215B121QST
FB332	6881006200	BEAD CORE W4B RH
FB333	6881900528	CORE BEAD WB453215B121QST
FB334	6881100406	BEAD CORE WB201209B300QST
FB335	6881200658	BEAD CORE HH-1M3216-121JT
FB340	6881100406	BEAD CORE WB201209B300QST
FB341	6881100406	BEAD CORE WB201209B300QST
FB342	6881200658	BEAD CORE HH-1M3216-121JT
L302	6855003500	EMI FILTER EF-1T2012-050J
L303	6855003500	EMI FILTER EF-1T2012-050J
L304	6855003500	EMI FILTER EF-1T2012-050J
L314	6111566130	COIL CHOKE--UH-56--DRWW10
L315	6111686132	COIL CHOKE--UH-68-K--
L316	6111569170	COIL CHOKE--UH-5.6-K-DRWW
L321	6881101758	CORE-BEAD-HB-1B2012-601T0
L322	6881101758	CORE-BEAD-HB-1B2012-601T0
L325	6881900468	BEAD CORE STC222B 1210
L326	6881900468	BEAD CORE STC222B 1210
L327	6881900468	BEAD CORE STC222B 1210
L328	6881900468	BEAD CORE STC222B 1210
L331	6881900468	BEAD CORE STC222B 1210
R338	6881602278	CORE-BEAD-SBK160808T 400Y
R342	6881602278	CORE-BEAD-SBK160808T 400Y
R346	6881602278	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	6851105092	FUSE SLOW TR5-T CG90L=4.3
PC01	6716004833	CABLE-POWER--1800MM-BLACK
PC02	6716009502	ADAPTOR-POWER-AC-DC 19V/6
V001	6715005842	CABLE-VIDEO-DSUBX2-1800MM
V002	6711300030-03	HARNESS--30P-190MM-20276#
V003	6711120170-01	HARNESS--12P/9P-340MM-CG1
V004	6711060410-00	HARNESS--6P/5P-50MM-1007#
V170	6814002700	LCD TX43D15VC0CAD
X301	6449002660	CRYSTAL-24MHZ-HC-49/S-TOP
X303	6449201000	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for Lite-on	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	7742607687-0A	COVER-CABLE-NMV-U170ATA-J
B01R	7737602661-0A	REAR COVER ASS'Y-NMV-U170
B02P	7742607743-0B	COVER-ARM FRONT-NMV-U170A
B02R	7737704456-0A	BASE ASS'Y-NMV-U170ATA-JU
B02T	7742607707-0A	COVER-ARM REAR-NMV-U170AT
F01	7737507303-0A	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	7735425890-0A	LABEL-MODEL LABEL-NEC--U1
CD	7730202445-0A	CD-ROM LCD1700NX BN/BNBK
P11	7749205491-0A	CARTON-NEC-U170ATA
P21	7749103000-0B	CUSHION-FOAM-EPS-17LCD17"
P31	7749001130-0A	PLASTIC BAG
P32	7749000200-0D	PLASTIC BAG
Y002	7730202436-0A	CARD-SET UP CARD-NEC-U170
Y004	7730202321-0B	CARD-PRODUCT BROCHURE-NEC
Y0A1	7730113650-0A	MANUAL-NEC-U170ATA-1700VI
Y0B1	7730202435-0A	DISKETTE-NEC-U170ATA-1700
Y0C1	7730202367-0A	CARD-SALES OFFICE LIST-NE
Y0D1	7730202421-0A	CD-CD SLEEVE-MITSUBISHI-F
*** RESISTORS ***		
R303	6252330956	CHIP-R OHM 33 1/10W J
R304	6252330956	CHIP-R OHM 33 1/10W J
R305	6252470956	CHIP-R OHM 47 1/10W J
R306	6252470956	CHIP-R OHM 47 1/10W J
R307	6252470156	CHIP-R KOHM 4.7 1/10W J
R308	6252470156	CHIP-R KOHM 4.7 1/10W J
R309	6252470956	CHIP-R OHM 47 1/10W J
R310	6252470956	CHIP-R OHM 47 1/10W J
R311	6252470156	CHIP-R KOHM 4.7 1/10W J
R313	6252470056	R,CHIP R OHM 470 1/10W J
R315	6252470156	CHIP-R KOHM 4.7 1/10W J
R317	6252470056	R,CHIP R OHM 470 1/10W J
R318	6252470156	CHIP-R KOHM 4.7 1/10W J
R319	6252470156	CHIP-R KOHM 4.7 1/10W J
R320	6252470156	CHIP-R KOHM 4.7 1/10W J
R323	6252100256	CHIP-R KOHM 10 1/10W J 06
R326	6252470956	CHIP-R OHM 47 1/10W J
R327	6252470956	CHIP-R OHM 47 1/10W J
R328	6252100056	CHIP-R OHM 100 1/10W J 06
R329	6252100056	CHIP-R OHM 100 1/10W J 06
R330	6252220156	CHIP-R KOHM 2.2 1/10W J
R331	6252220156	CHIP-R KOHM 2.2 1/10W J
R332	6252470156	CHIP-R KOHM 4.7 1/10W J
R333	6252470156	CHIP-R KOHM 4.7 1/10W J
R335	6252470956	CHIP-R OHM 47 1/10W J

SYMBOL	Part No for Lite-on	DESCRIPTION
R336	6252470956	CHIP-R OHM 47 1/10W J
R337	6252100056	CHIP-R OHM 100 1/10W J 06
R339	6252750956	CHIP-R OHM 75 1/10W J
R340	6252100056	CHIP-R OHM 100 1/10W J 06
R341	6252100056	CHIP-R OHM 100 1/10W J 06
R343	6252750956	CHIP-R OHM 75 1/10W J
R344	6252100056	CHIP-R OHM 100 1/10W J 06
R345	6252100056	CHIP-R OHM 100 1/10W J 06
R347	6252750956	CHIP-R OHM 75 1/10W J
R349	6252100056	CHIP-R OHM 100 1/10W J 06
R361	6252100156	R,CHIP R KOHM 1 1/10W J
R362	6252330956	CHIP-R OHM 33 1/10W J
R363	6252820056	RES. CHIP-R-OHM-820-1/10W
R366	6252820056	RES. CHIP-R-OHM-820-1/10W
R368	6252000056	CHIP-R OHM 0 1/10W J 0603
R369	6252120256	R,CHIP R KOHM 12 1/10W J
R370	6252470156	CHIP-R KOHM 4.7 1/10W J
R371	6252470156	CHIP-R KOHM 4.7 1/10W J
R372	6252100056	CHIP-R OHM 100 1/10W J 06
R374	6252000056	CHIP-R OHM 0 1/10W J 0603
R375	6252100256	CHIP-R KOHM 10 1/10W J 06
R376	6252100056	CHIP-R OHM 100 1/10W J 06
R377	6252220156	CHIP-R KOHM 2.2 1/10W J
R380	6252470156	CHIP-R KOHM 4.7 1/10W J
R381	6252470156	CHIP-R KOHM 4.7 1/10W J
R383	6252330956	CHIP-R OHM 33 1/10W J
R384	6252330956	CHIP-R OHM 33 1/10W J
R388	6252470156	CHIP-R KOHM 4.7 1/10W J
R396	6252220956	CHIP-R OHM 22 1/10W J
RN301	6261022818	R,FRN KOHM 1 1/16W J
RN302	6263302818	FRN OHM 33 1/16W J 8P4R
RN303	6261032818	FRN 10KH 1/16W J 8P4R
RN304	6261032818	FRN 10KH 1/16W J 8P4R
RN305	6261032818	FRN 10KH 1/16W J 8P4R
RN306	6261012818	FRN OHM 100 1/16W J 8P4R
RN307	6261012818	FRN OHM 100 1/16W J 8P4R
RN310	6261032818	FRN 10KH 1/16W J 8P4R
RN311	6261032818	FRN 10KH 1/16W J 8P4R
RN312	6261032818	FRN 10KH 1/16W J 8P4R
RN313	6261032818	FRN 10KH 1/16W J 8P4R
RN314	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN315	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN316	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN317	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN318	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN319	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN320	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN321	6264702818	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for Lite-on	DESCRIPTION
RN322	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN323	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN324	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN325	6264702818	FRN,OHM,47,1/16W,J,8P4R
RN326	6264702818	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	6311247009	ALU 47UF 16V 85C SMD
C302	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C303	6371110156	MC PF 100 50V NPO J SMD 0
C304	6371110156	MC PF 100 50V NPO J SMD 0
C305	6371227316	CAP. MC-UF-0.027-50V-K-X7
C306	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C307	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C308	6371122056	MC PF 22 50V NPO J SMD
C309	6371147056	MC 47PF 50V NPO J SMD
C310	6371147056	MC 47PF 50V NPO J SMD
C311	6311222043	C,ALU UF 22 16V T 105C S
C312	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C313	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C314	6371122056	MC PF 22 50V NPO J SMD
C316	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C317	6311347903	ALU UF 4.7 25V 85C T SMD
C318	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C319	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C320	6311347903	ALU UF 4.7 25V 85C T SMD
C321	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C322	6371210306	MC 0.01UF 50V X7R M SMD
C323	6371210306	MC 0.01UF 50V X7R M SMD
C324	6371210306	MC 0.01UF 50V X7R M SMD
C325	6371210306	MC 0.01UF 50V X7R M SMD
C326	6371210306	MC 0.01UF 50V X7R M SMD
C327	6371210306	MC 0.01UF 50V X7R M SMD
C328	6371210306	MC 0.01UF 50V X7R M SMD
C329	6371210306	MC 0.01UF 50V X7R M SMD
C331	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C332	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C333	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C334	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C335	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C336	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C337	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C338	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C340	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C341	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C342	6311210043	ALU 10UF 16V 105C T SMD
C343	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C344	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C347	6371147056	MC 47PF 50V NPO J SMD
C348	6371147056	MC 47PF 50V NPO J SMD
C349	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C350	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C351	6311210043	ALU 10UF 16V 105C T SMD
C352	6371147056	MC 47PF 50V NPO J SMD
C353	6371147056	MC 47PF 50V NPO J SMD
C354	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C355	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C356	6371147056	MC 47PF 50V NPO J SMD
C357	6371147056	MC 47PF 50V NPO J SMD
C359	6371210306	MC 0.01UF 50V X7R M SMD
C361	6371150956	MC 5PF 50V NPO J SMD 0603
C362	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C363	6371210306	MC 0.01UF 50V X7R M SMD
C364	6371210306	MC 0.01UF 50V X7R M SMD
C365	6371150956	MC 5PF 50V NPO J SMD 0603
C366	6371210306	MC 0.01UF 50V X7R M SMD
C367	6371210306	MC 0.01UF 50V X7R M SMD
C368	6371150956	MC 5PF 50V NPO J SMD 0603
C369	6371210306	MC 0.01UF 50V X7R M SMD
C370	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C371	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C372	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C408	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C409	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C410	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C411	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C412	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C413	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C414	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C415	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C416	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C417	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C418	6371122106	CAP. MC-PF-220-50V-M-NPO-
C419	6371122106	CAP. MC-PF-220-50V-M-NPO-
C420	6371122106	CAP. MC-PF-220-50V-M-NPO-
C421	6371122106	CAP. MC-PF-220-50V-M-NPO-
C422	6371122106	CAP. MC-PF-220-50V-M-NPO-
C423	6371122106	CAP. MC-PF-220-50V-M-NPO-
C424	6371122106	CAP. MC-PF-220-50V-M-NPO-
C425	6371122106	CAP. MC-PF-220-50V-M-NPO-
C426	6371122106	CAP. MC-PF-220-50V-M-NPO-
C427	6311222043	C,ALU UF 22 16V T 105C S
C428	6311222043	C,ALU UF 22 16V T 105C S
C429	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C430	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C431	6373410486	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C432	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C433	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C434	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C435	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C436	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C437	6371122106	CAP. MC-PF-220-50V-M-NPO-
C438	6371122106	CAP. MC-PF-220-50V-M-NPO-
C439	6371122106	CAP. MC-PF-220-50V-M-NPO-
C440	6371122106	CAP. MC-PF-220-50V-M-NPO-
C441	6371122106	CAP. MC-PF-220-50V-M-NPO-
C442	6371122106	CAP. MC-PF-220-50V-M-NPO-
C443	6371122106	CAP. MC-PF-220-50V-M-NPO-
C444	6371122106	CAP. MC-PF-220-50V-M-NPO-
C445	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C446	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C447	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C448	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C449	6371122106	CAP. MC-PF-220-50V-M-NPO-
C450	6371122106	CAP. MC-PF-220-50V-M-NPO-
C451	6371122106	CAP. MC-PF-220-50V-M-NPO-
C452	6371122106	CAP. MC-PF-220-50V-M-NPO-
C453	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C454	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C455	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C456	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C457	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C458	6371122106	CAP. MC-PF-220-50V-M-NPO-
C459	6371122106	CAP. MC-PF-220-50V-M-NPO-
C460	6371122106	CAP. MC-PF-220-50V-M-NPO-
C463	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C464	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C465	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C466	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C467	6371122106	CAP. MC-PF-220-50V-M-NPO-
C468	6371122106	CAP. MC-PF-220-50V-M-NPO-
C471	6311222043	C,ALU UF 22 16V T 105C S
C472	6311222043	C,ALU UF 22 16V T 105C S
C473	6311222043	C,ALU UF 22 16V T 105C S
C474	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C475	6371122106	CAP. MC-PF-220-50V-M-NPO-
C477	6371133056	MC 33PF 50V NPO J SMD
C482	6311222043	C,ALU UF 22 16V T 105C S
C483	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C484	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C485	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C486	6371122106	CAP. MC-PF-220-50V-M-NPO-
C487	6371122106	CAP. MC-PF-220-50V-M-NPO-
C488	6371122106	CAP. MC-PF-220-50V-M-NPO-

SYMBOL	Part No for Lite-on	DESCRIPTION
C489	6311222043	C,ALU UF 22 16V T 105C S
C490	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C491	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C492	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C493	6371122106	CAP. MC-PF-220-50V-M-NPO-
C494	6371122106	CAP. MC-PF-220-50V-M-NPO-
C495	6371122106	CAP. MC-PF-220-50V-M-NPO-
C496	6311222043	C,ALU UF 22 16V T 105C S
C497	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C498	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C499	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C500	6371122106	CAP. MC-PF-220-50V-M-NPO-
C501	6371122106	CAP. MC-PF-220-50V-M-NPO-
C502	6371122106	CAP. MC-PF-220-50V-M-NPO-
C503	6371147056	MC 47PF 50V NPO J SMD
C504	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C505	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C506	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C507	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C508	6371210306	MC 0.01UF 50V X7R M SMD
C509	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C510	6311210043	ALU 10UF 16V 105C T SMD
C511	6371210306	MC 0.01UF 50V X7R M SMD
C512	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C513	6311210043	ALU 10UF 16V 105C T SMD
C514	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C515	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C516	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C517	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C518	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C519	6311368149	C,ALU UF 680 25V NF 105C
C520	6371210306	MC 0.01UF 50V X7R M SMD
C521	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C522	6311210043	ALU 10UF 16V 105C T SMD
C523	6371210306	MC 0.01UF 50V X7R M SMD
C524	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C525	6311210043	ALU 10UF 16V 105C T SMD
C526	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C527	6371210306	MC 0.01UF 50V X7R M SMD
C528	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C529	6311210043	ALU 10UF 16V 105C T SMD
C530	6311210043	ALU 10UF 16V 105C T SMD
C531	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C532	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C533	6311368149	C,ALU UF 680 25V NF 105C
C534	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C535	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C536	6371147056	MC 47PF 50V NPO J SMD

SYMBOL	Part No for Lite-on	DESCRIPTION
C537	6371147056	MC 47PF 50V NPO J SMD
C538	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C539	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C540	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C552	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C553	6311368149	C,ALU UF 680 25V NF 105C
C554	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C555	6311368149	C,ALU UF 680 25V NF 105C
C556	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C557	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C558	6311368149	C,ALU UF 680 25V NF 105C
C559	6311368149	C,ALU UF 680 25V NF 105C
C560	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C561	6311247009	ALU 47UF 16V 85C SMD
C562	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C563	6311122149	CAP. ALU-UF-220-10V-NF-10
C564	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C565	6311122149	CAP. ALU-UF-220-10V-NF-10
C566	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C567	6311210043	ALU 10UF 16V 105C T SMD
C568	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C569	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C570	6311247009	ALU 47UF 16V 85C SMD
C571	6311247009	ALU 47UF 16V 85C SMD
C572	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C573	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C574	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C575	6311247053	C,ALU UF 47 16V SMD 105C
C576	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C577	6371210306	MC 0.01UF 50V X7R M SMD
C578	6311122149	CAP. ALU-UF-220-10V-NF-10
C579	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C580	6374447583	C,MC UF 4.7 16V Z Y5V SMD
C581	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C582	6371210306	MC 0.01UF 50V X7R M SMD
C583	6371147056	MC 47PF 50V NPO J SMD
C585	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C586	6311122149	CAP. ALU-UF-220-10V-NF-10
C587	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C588	6311122149	CAP. ALU-UF-220-10V-NF-10
C589	6373410486	C,MC UF 0.1 25V Z Y5V SMD
C590	6371127056	CAP. MC-PF-27-50V-J-NPO-S
C6A1	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	6341410482	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	6370133019	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for Lite-on	DESCRIPTION
CP302	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP303	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP304	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP305	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP306	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP307	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP308	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP309	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP310	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP311	6370133019	CAP. MC-PF-33-50V-K-NPO-S
CP312	6370133019	CAP. MC-PF-33-50V-K-NPO-S

REPLACEMENT PARTS LIST(For Asia)

The components specified for Model LCD1700NX(A)

SYMBOL	Part No for NMV	DESCRIPTION
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*** ICS ***

I301	79PL1948	IC-M51953AFP-8P-SOP
I302	79PL2113	IC-CPU-SM89516C25J-44PIN-
I305	79PL2111	IC-EEPROM-24LC16B/SN-8P-S
I306	79PL2110	IC-TTL-74HCT573DT-20P-SMD
I310	79PL1446	IC 24LC02B 8PIN SOP MICRO
I312	79PL1446	IC 24LC02B 8PIN SOP MICRO
I315	79PL2108	IC-CMOS-GM5020-292P-BGA-G
I316	79PL2112	IC-CPU-W981616BH-7-50PIN-
I317	79PL2112	IC-CPU-W981616BH-7-50PIN-
I318	79PL2112	IC-CPU-W981616BH-7-50PIN-
I319	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I320	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I321	79PL1041	IC SI4431DY 8P SOP
I322	79PL1040	IC LM2596S-5.0 TO-263(S)
I323	79PL1441	IC AIC1084 33CM 3P TO26
I324	79PL1252	IC SI3025LS 8P SOP SANKEN
I325	79PL1046	IC 74HCT08 14P SMD
I326	79PL1047	IC 74HCT04 14P SMD
I327	79PL1322	IC LM358DT 8P SOP ST
I330	79PL1441	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	79PL1147	TR NPN PMBT2222A SOT-23
Q304	79PL1147	TR NPN PMBT2222A SOT-23
Q307	79PL1036	TR NPN SST3904 SMD
Q308	79PL1036	TR NPN SST3904 SMD
Q309	79PL1251	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	79PL1249	DIODE DAN217 T146 SMD3
D303	79PL1249	DIODE DAN217 T146 SMD3
D304	79PL1249	DIODE DAN217 T146 SMD3
D305	79PL1249	DIODE DAN217 T146 SMD3
D306	79PL1249	DIODE DAN217 T146 SMD3
D307	79PL1249	DIODE DAN217 T146 SMD3
D308	79PL1249	DIODE DAN217 T146 SMD3
D309	79PL1249	DIODE DAN217 T146 SMD3
D311	79PL1249	DIODE DAN217 T146 SMD3
D312	79PL1947	DIODE-MM4148-SMD-GOODARK
D313	79PL1947	DIODE-MM4148-SMD-GOODARK
D314	79PL1249	DIODE DAN217 T146 SMD3

SYMBOL	Part No for NMV	DESCRIPTION
D316	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D317	79PL1947	DIODE-MM4148-SMD-GOODARK
D318	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D319	79PL1947	DIODE-MM4148-SMD-GOODARK
D320	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D321	79PL1947	DIODE-MM4148-SMD-GOODARK
D322	79PL1947	DIODE-MM4148-SMD-GOODARK
D323	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D324	79PL1947	DIODE-MM4148-SMD-GOODARK
D325	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D326	79PL1947	DIODE-MM4148-SMD-GOODARK
D327	79PL1249	DIODE DAN217 T146 SMD3
D328	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D329	79PL1249	DIODE DAN217 T146 SMD3
D330	79PL1249	DIODE DAN217 T146 SMD3
D331	79PL1249	DIODE DAN217 T146 SMD3
D343	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D344	79PL1425	DIODE WL RLS73 130MA/80V
D345	79PL1425	DIODE WL RLS73 130MA/80V
D346	79PL1425	DIODE WL RLS73 130MA/80V
D347	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D600	79PL1088	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW602	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW603	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW604	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW605	79PL2119	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	79PL2090	FUNCTION KEY BD
INTBD	79PL2089	INTERFACE BD
INVA	79PL2085	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	79PL1060	BEAD CORE WB201209F050QST
FB302	79PL1059	BEAD CORE WB201209B260QNT
FB303	79PL1060	BEAD CORE WB201209F050QST
FB304	79PL1465	BEAD CORE BK 2125 HS 431
FB305	79PL1465	BEAD CORE BK 2125 HS 431
FB306	79PL1060	BEAD CORE WB201209F050QST
FB307	79PL1060	BEAD CORE WB201209F050QST
FB308	79PL1060	BEAD CORE WB201209F050QST
FB314	79PL1267	BEAD CORE WB160808B121QNT
FB316	79PL1267	BEAD CORE WB160808B121QNT
FB317	79PL1267	BEAD CORE WB160808B121QNT
FB318	79PL1267	BEAD CORE WB160808B121QNT

SYMBOL	Part No for NMV	DESCRIPTION
FB319	79PL1267	BEAD CORE WB160808B121QNT
FB321	79PL1064	BEAD COREHB-1P4516-600T60
FB322	79PL1267	BEAD CORE WB160808B121QNT
FB323	79PL1267	BEAD CORE WB160808B121QNT
FB324	79PL1064	BEAD COREHB-1P4516-600T60
FB325	79PL1266	BEAD CORE HH-1M3216-121JT
FB326	79PL0940	BEAD CORE W4B RH
FB327	79PL0940	BEAD CORE W4B RH
FB328	79PL1266	BEAD CORE HH-1M3216-121JT
FB330	79PL0940	BEAD CORE W4B RH
FB331	79PL1066	CORE BEAD WB453215B121QST
FB332	79PL0940	BEAD CORE W4B RH
FB333	79PL1066	CORE BEAD WB453215B121QST
FB334	79PL1098	BEAD CORE WB201209B300QST
FB335	79PL1266	BEAD CORE HH-1M3216-121JT
FB340	79PL1098	BEAD CORE WB201209B300QST
FB341	79PL1098	BEAD CORE WB201209B300QST
FB342	79PL1266	BEAD CORE HH-1M3216-121JT
L302	79PL1057	EMI FILTER EF-1T2012-050J
L303	79PL1057	EMI FILTER EF-1T2012-050J
L304	79PL1057	EMI FILTER EF-1T2012-050J
L314	79PL2098	COIL CHOKE--UH-56--DRWW10
L315	79PL2100	COIL CHOKE--UH-68-K--
L316	79PL2099	COIL CHOKE--UH-5.6-K-DRWW
L321	79PL2120	CORE-BEAD-HB-1B2012-601T0
L322	79PL2120	CORE-BEAD-HB-1B2012-601T0
L325	79PL1065	BEAD CORE STC222B 1210
L326	79PL1065	BEAD CORE STC222B 1210
L327	79PL1065	BEAD CORE STC222B 1210
L328	79PL1065	BEAD CORE STC222B 1210
L331	79PL1065	BEAD CORE STC222B 1210
R338	79PL2121	CORE-BEAD-SBK160808T 400Y
R342	79PL2121	CORE-BEAD-SBK160808T 400Y
R346	79PL2121	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	79PL1328	FUSE SLOW TR5-T CG90L=4.3
PC01	79PL2129	CABLE-POWER -ONLYCG700MAK
PC02	79PL2092	ADAPTOR-POWER-AC-DC 19V/6
V001	79PL2093	CABLE-VIDEO-DSUBX2-1800MM
V002	79PL2118	HARNESS--30P-190MM-20276#
V003	79PL2117	HARNESS--12P/9P-340MM-CG1
V004	79PL2116	HARNESS--6P/5P-50MM-1007#
V170	3A684028	LCD TX43D15VC0CAD
X301	79PL2114	CRYSTAL-24MHZ-HC-49/S-TOP
X303	79PL2115	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for NMV	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	79PL2087	COVER-CABLE-NMV-U170ATA-J
B01R	79PL2086	REAR COVER ASS'Y-NMV-U170
B02P	79PL2142	COVER-ARM FRONT-NMV-U170A
B02R	79PL2088	BASE ASS'Y-NMV-U170ATA-JU
B02T	79PL2141	COVER-ARM REAR-NMV-U170AT
F01	79PL2084	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	79PL2097	LABEL-MODEL LABEL-NEC--U1
P11	79PL2154	CARTON BOX LCD1700NX(A)
P21	79PL2096	CUSHION-FOAM-EPS-17LCD17"
P31	79PL1841	PLASTIC BAG
P32	79PL1102	PLASTIC BAG
XTR	79PL2150	XTRA VIEW+ LCD1700NX(A)
Y002	79PL2148	SETUP SHEET LCD1700NX AN/
Y004	79PL2034	CARD-PRODUCT BROCHURE-NEC
Y0A1	79PL2146	MANUAL-NEC-LCD1700NX AN/A
Y0B1	79PL2123	DISKETTE-NEC-U170ATA-1700
*** RESISTORS ***		
R303	79PL1301	CHIP-R OHM 33 1/10W J
R304	79PL1301	CHIP-R OHM 33 1/10W J
R305	79PL1303	CHIP-R OHM 47 1/10W J
R306	79PL1303	CHIP-R OHM 47 1/10W J
R307	79PL1302	CHIP-R KOHM 4.7 1/10W J
R308	79PL1302	CHIP-R KOHM 4.7 1/10W J
R309	79PL1303	CHIP-R OHM 47 1/10W J
R310	79PL1303	CHIP-R OHM 47 1/10W J
R311	79PL1302	CHIP-R KOHM 4.7 1/10W J
R313	79PL1397	R,CHIP R OHM 470 1/10W J
R315	79PL1302	CHIP-R KOHM 4.7 1/10W J
R317	79PL1397	R,CHIP R OHM 470 1/10W J
R318	79PL1302	CHIP-R KOHM 4.7 1/10W J
R319	79PL1302	CHIP-R KOHM 4.7 1/10W J
R320	79PL1302	CHIP-R KOHM 4.7 1/10W J
R323	79PL1296	CHIP-R KOHM 10 1/10W J 06
R326	79PL1303	CHIP-R OHM 47 1/10W J
R327	79PL1303	CHIP-R OHM 47 1/10W J
R328	79PL1295	CHIP-R OHM 100 1/10W J 06
R329	79PL1295	CHIP-R OHM 100 1/10W J 06
R330	79PL1299	CHIP-R KOHM 2.2 1/10W J
R331	79PL1299	CHIP-R KOHM 2.2 1/10W J
R332	79PL1302	CHIP-R KOHM 4.7 1/10W J
R333	79PL1302	CHIP-R KOHM 4.7 1/10W J
R335	79PL1303	CHIP-R OHM 47 1/10W J
R336	79PL1303	CHIP-R OHM 47 1/10W J
R337	79PL1295	CHIP-R OHM 100 1/10W J 06

SYMBOL	Part No for NMV	DESCRIPTION
R339	79PL1305	CHIP-R OHM 75 1/10W J
R340	79PL1295	CHIP-R OHM 100 1/10W J 06
R341	79PL1295	CHIP-R OHM 100 1/10W J 06
R343	79PL1305	CHIP-R OHM 75 1/10W J
R344	79PL1295	CHIP-R OHM 100 1/10W J 06
R345	79PL1295	CHIP-R OHM 100 1/10W J 06
R347	79PL1305	CHIP-R OHM 75 1/10W J
R349	79PL1295	CHIP-R OHM 100 1/10W J 06
R361	79PL1387	R,CHIP R KOHM 1 1/10W J
R362	79PL1301	CHIP-R OHM 33 1/10W J
R363	79PL2101	RES. CHIP-R-OHM-820-1/10W
R366	79PL2101	RES. CHIP-R-OHM-820-1/10W
R368	79PL1294	CHIP-R OHM 0 1/10W J 0603
R369	79PL1390	R,CHIP R KOHM 12 1/10W J
R370	79PL1302	CHIP-R KOHM 4.7 1/10W J
R371	79PL1302	CHIP-R KOHM 4.7 1/10W J
R372	79PL1295	CHIP-R OHM 100 1/10W J 06
R374	79PL1294	CHIP-R OHM 0 1/10W J 0603
R375	79PL1296	CHIP-R KOHM 10 1/10W J 06
R376	79PL1295	CHIP-R OHM 100 1/10W J 06
R377	79PL1299	CHIP-R KOHM 2.2 1/10W J
R380	79PL1302	CHIP-R KOHM 4.7 1/10W J
R381	79PL1302	CHIP-R KOHM 4.7 1/10W J
R383	79PL1301	CHIP-R OHM 33 1/10W J
R384	79PL1301	CHIP-R OHM 33 1/10W J
R388	79PL1302	CHIP-R KOHM 4.7 1/10W J
R396	79PL1300	CHIP-R OHM 22 1/10W J
RN301	79PL1401	R,FRN KOHM 1 1/16W J
RN302	79PL1133	FRN OHM 33 1/16W J 8P4R
RN303	79PL1011	FRN 10KH 1/16W J 8P4R
RN304	79PL1011	FRN 10KH 1/16W J 8P4R
RN305	79PL1011	FRN 10KH 1/16W J 8P4R
RN306	79PL1241	FRN OHM 100 1/16W J 8P4R
RN307	79PL1241	FRN OHM 100 1/16W J 8P4R
RN310	79PL1011	FRN 10KH 1/16W J 8P4R
RN311	79PL1011	FRN 10KH 1/16W J 8P4R
RN312	79PL1011	FRN 10KH 1/16W J 8P4R
RN313	79PL1011	FRN 10KH 1/16W J 8P4R
RN314	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN315	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN316	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN317	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN318	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN319	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN320	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN321	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN322	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN323	79PL1307	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for NMV	DESCRIPTION
RN324	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN325	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN326	79PL1307	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	79PL1017	ALU 47UF 16V 85C SMD
C302	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C303	79PL1141	MC PF 100 50V NPO J SMD 0
C304	79PL1141	MC PF 100 50V NPO J SMD 0
C305	79PL2106	CAP. MC-UF-0.027-50V-K-X7
C306	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C307	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C308	79PL1314	MC PF 22 50V NPO J SMD
C309	79PL1317	MC 47PF 50V NPO J SMD
C310	79PL1317	MC 47PF 50V NPO J SMD
C311	79PL1405	C,ALU UF 22 16V T 105C S
C312	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C313	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C314	79PL1314	MC PF 22 50V NPO J SMD
C316	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C317	79PL1143	ALU UF 4.7 25V 85C T SMD
C318	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C319	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C320	79PL1143	ALU UF 4.7 25V 85C T SMD
C321	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C322	79PL1319	MC 0.01UF 50V X7R M SMD
C323	79PL1319	MC 0.01UF 50V X7R M SMD
C324	79PL1319	MC 0.01UF 50V X7R M SMD
C325	79PL1319	MC 0.01UF 50V X7R M SMD
C326	79PL1319	MC 0.01UF 50V X7R M SMD
C327	79PL1319	MC 0.01UF 50V X7R M SMD
C328	79PL1319	MC 0.01UF 50V X7R M SMD
C329	79PL1319	MC 0.01UF 50V X7R M SMD
C331	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C332	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C333	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C334	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C335	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C336	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C337	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C338	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C340	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C341	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C342	79PL1014	ALU 10UF 16V 105C T SMD
C343	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C344	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C347	79PL1317	MC 47PF 50V NPO J SMD
C348	79PL1317	MC 47PF 50V NPO J SMD

SYMBOL	Part No for NMV	DESCRIPTION
C349	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C350	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C351	79PL1014	ALU 10UF 16V 105C T SMD
C352	79PL1317	MC 47PF 50V NPO J SMD
C353	79PL1317	MC 47PF 50V NPO J SMD
C354	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C355	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C356	79PL1317	MC 47PF 50V NPO J SMD
C357	79PL1317	MC 47PF 50V NPO J SMD
C359	79PL1319	MC 0.01UF 50V X7R M SMD
C361	79PL1318	MC 5PF 50V NPO J SMD 0603
C362	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C363	79PL1319	MC 0.01UF 50V X7R M SMD
C364	79PL1319	MC 0.01UF 50V X7R M SMD
C365	79PL1318	MC 5PF 50V NPO J SMD 0603
C366	79PL1319	MC 0.01UF 50V X7R M SMD
C367	79PL1319	MC 0.01UF 50V X7R M SMD
C368	79PL1318	MC 5PF 50V NPO J SMD 0603
C369	79PL1319	MC 0.01UF 50V X7R M SMD
C370	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C371	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C372	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C408	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C409	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C410	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C411	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C412	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C413	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C414	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C415	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C416	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C417	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C418	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C419	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C420	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C421	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C422	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C423	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C424	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C425	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C426	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C427	79PL1405	C,ALU UF 22 16V T 105C S
C428	79PL1405	C,ALU UF 22 16V T 105C S
C429	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C430	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C431	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C432	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C433	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C434	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C435	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C436	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C437	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C438	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C439	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C440	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C441	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C442	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C443	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C444	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C445	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C446	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C447	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C448	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C449	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C450	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C451	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C452	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C453	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C454	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C455	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C456	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C457	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C458	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C459	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C460	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C463	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C464	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C465	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C466	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C467	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C468	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C471	79PL1405	C,ALU UF 22 16V T 105C S
C472	79PL1405	C,ALU UF 22 16V T 105C S
C473	79PL1405	C,ALU UF 22 16V T 105C S
C474	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C475	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C477	79PL1022	MC 33PF 50V NPO J SMD
C482	79PL1405	C,ALU UF 22 16V T 105C S
C483	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C484	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C485	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C486	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C487	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C488	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C489	79PL1405	C,ALU UF 22 16V T 105C S
C490	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C491	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C492	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C493	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C494	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C495	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C496	79PL1405	C,ALU UF 22 16V T 105C S
C497	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C498	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C499	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C500	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C501	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C502	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C503	79PL1317	MC 47PF 50V NPO J SMD
C504	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C505	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C506	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C507	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C508	79PL1319	MC 0.01UF 50V X7R M SMD
C509	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C510	79PL1014	ALU 10UF 16V 105C T SMD
C511	79PL1319	MC 0.01UF 50V X7R M SMD
C512	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C513	79PL1014	ALU 10UF 16V 105C T SMD
C514	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C515	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C516	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C517	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C518	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C519	79PL1407	C,ALU UF 680 25V NF 105C
C520	79PL1319	MC 0.01UF 50V X7R M SMD
C521	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C522	79PL1014	ALU 10UF 16V 105C T SMD
C523	79PL1319	MC 0.01UF 50V X7R M SMD
C524	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C525	79PL1014	ALU 10UF 16V 105C T SMD
C526	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C527	79PL1319	MC 0.01UF 50V X7R M SMD
C528	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C529	79PL1014	ALU 10UF 16V 105C T SMD
C530	79PL1014	ALU 10UF 16V 105C T SMD
C531	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C532	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C533	79PL1407	C,ALU UF 680 25V NF 105C
C534	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C535	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C536	79PL1317	MC 47PF 50V NPO J SMD
C537	79PL1317	MC 47PF 50V NPO J SMD
C538	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C539	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C540	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C552	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C553	79PL1407	C,ALU UF 680 25V NF 105C
C554	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C555	79PL1407	C,ALU UF 680 25V NF 105C
C556	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C557	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C558	79PL1407	C,ALU UF 680 25V NF 105C
C559	79PL1407	C,ALU UF 680 25V NF 105C
C560	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C561	79PL1017	ALU 47UF 16V 85C SMD
C562	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C563	79PL1974	CAP. ALU-UF-220-10V-NF-10
C564	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C565	79PL1974	CAP. ALU-UF-220-10V-NF-10
C566	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C567	79PL1014	ALU 10UF 16V 105C T SMD
C568	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C569	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C570	79PL1017	ALU 47UF 16V 85C SMD
C571	79PL1017	ALU 47UF 16V 85C SMD
C572	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C573	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C574	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C575	79PL1406	C,ALU UF 47 16V SMD 105C
C576	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C577	79PL1319	MC 0.01UF 50V X7R M SMD
C578	79PL1974	CAP. ALU-UF-220-10V-NF-10
C579	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C580	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C581	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C582	79PL1319	MC 0.01UF 50V X7R M SMD
C583	79PL1317	MC 47PF 50V NPO J SMD
C585	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C586	79PL1974	CAP. ALU-UF-220-10V-NF-10
C587	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C588	79PL1974	CAP. ALU-UF-220-10V-NF-10
C589	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C590	79PL2105	CAP. MC-PF-27-50V-J-NPO-S
C6A1	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP302	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP303	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for NMV	DESCRIPTION
CP304	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP305	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP306	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP307	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP308	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP309	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP310	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP311	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP312	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

REPLACEMENT PARTS LIST(For Asia)

The components specified for Model LCD1700NX-BK(A)

SYMBOL	Part No for NMV	DESCRIPTION
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*** ICS ***

I301	79PL1948	IC-M51953AFP-8P-SOP
I302	79PL2113	IC-CPU-SM89516C25J-44PIN-
I305	79PL2111	IC-EEPROM-24LC16B/SN-8P-S
I306	79PL2110	IC-TTL-74HCT573DT-20P-SMD
I310	79PL1446	IC 24LC02B 8PIN SOP MICRO
I312	79PL1446	IC 24LC02B 8PIN SOP MICRO
I315	79PL2108	IC-CMOS-GM5020-292P-BGA-G
I316	79PL2112	IC-CPU-W981616BH-7-50PIN-
I317	79PL2112	IC-CPU-W981616BH-7-50PIN-
I318	79PL2112	IC-CPU-W981616BH-7-50PIN-
I319	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I320	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I321	79PL1041	IC SI4431DY 8P SOP
I322	79PL1040	IC LM2596S-5.0 TO-263(S)
I323	79PL1441	IC AIC1084 33CM 3P TO26
I324	79PL1252	IC SI3025LS 8P SOP SANKEN
I325	79PL1046	IC 74HCT08 14P SMD
I326	79PL1047	IC 74HCT04 14P SMD
I327	79PL1322	IC LM358DT 8P SOP ST
I330	79PL1441	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	79PL1147	TR NPN PMBT2222A SOT-23
Q304	79PL1147	TR NPN PMBT2222A SOT-23
Q307	79PL1036	TR NPN SST3904 SMD
Q308	79PL1036	TR NPN SST3904 SMD
Q309	79PL1251	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	79PL1249	DIODE DAN217 T146 SMD3
D303	79PL1249	DIODE DAN217 T146 SMD3
D304	79PL1249	DIODE DAN217 T146 SMD3
D305	79PL1249	DIODE DAN217 T146 SMD3
D306	79PL1249	DIODE DAN217 T146 SMD3
D307	79PL1249	DIODE DAN217 T146 SMD3
D308	79PL1249	DIODE DAN217 T146 SMD3
D309	79PL1249	DIODE DAN217 T146 SMD3
D311	79PL1249	DIODE DAN217 T146 SMD3
D312	79PL1947	DIODE-MM4148-SMD-GOODARK
D313	79PL1947	DIODE-MM4148-SMD-GOODARK
D314	79PL1249	DIODE DAN217 T146 SMD3

SYMBOL	Part No for NMV	DESCRIPTION
D316	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D317	79PL1947	DIODE-MM4148-SMD-GOODARK
D318	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D319	79PL1947	DIODE-MM4148-SMD-GOODARK
D320	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D321	79PL1947	DIODE-MM4148-SMD-GOODARK
D322	79PL1947	DIODE-MM4148-SMD-GOODARK
D323	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D324	79PL1947	DIODE-MM4148-SMD-GOODARK
D325	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D326	79PL1947	DIODE-MM4148-SMD-GOODARK
D327	79PL1249	DIODE DAN217 T146 SMD3
D328	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D329	79PL1249	DIODE DAN217 T146 SMD3
D330	79PL1249	DIODE DAN217 T146 SMD3
D331	79PL1249	DIODE DAN217 T146 SMD3
D343	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D344	79PL1425	DIODE WI. RLS73 130MA/80V
D345	79PL1425	DIODE WI. RLS73 130MA/80V
D346	79PL1425	DIODE WI. RLS73 130MA/80V
D347	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D600	79PL1088	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW602	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW603	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW604	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW605	79PL2119	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	79PL2090	FUNCTION KEY BD
INTBD	79PL2089	INTERFACE BD
INVA	79PL2085	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	79PL1060	BEAD CORE WB201209F050QST
FB302	79PL1059	BEAD CORE WB201209B260QNT
FB303	79PL1060	BEAD CORE WB201209F050QST
FB304	79PL1465	BEAD CORE BK 2125 HS 431
FB305	79PL1465	BEAD CORE BK 2125 HS 431
FB306	79PL1060	BEAD CORE WB201209F050QST
FB307	79PL1060	BEAD CORE WB201209F050QST
FB308	79PL1060	BEAD CORE WB201209F050QST
FB314	79PL1267	BEAD CORE WB160808B121QNT
FB316	79PL1267	BEAD CORE WB160808B121QNT
FB317	79PL1267	BEAD CORE WB160808B121QNT
FB318	79PL1267	BEAD CORE WB160808B121QNT

SYMBOL	Part No for NMV	DESCRIPTION
FB319	79PL1267	BEAD CORE WB160808B121QNT
FB321	79PL1064	BEAD COREHB-1P4516-600T60
FB322	79PL1267	BEAD CORE WB160808B121QNT
FB323	79PL1267	BEAD CORE WB160808B121QNT
FB324	79PL1064	BEAD COREHB-1P4516-600T60
FB325	79PL1266	BEAD CORE HH-1M3216-121JT
FB326	79PL0940	BEAD CORE W4B RH
FB327	79PL0940	BEAD CORE W4B RH
FB328	79PL1266	BEAD CORE HH-1M3216-121JT
FB330	79PL0940	BEAD CORE W4B RH
FB331	79PL1066	CORE BEAD WB453215B121QST
FB332	79PL0940	BEAD CORE W4B RH
FB333	79PL1066	CORE BEAD WB453215B121QST
FB334	79PL1098	BEAD CORE WB201209B300QST
FB335	79PL1266	BEAD CORE HH-1M3216-121JT
FB340	79PL1098	BEAD CORE WB201209B300QST
FB341	79PL1098	BEAD CORE WB201209B300QST
FB342	79PL1266	BEAD CORE HH-1M3216-121JT
L302	79PL1057	EMI FILTER EF-1T2012-050J
L303	79PL1057	EMI FILTER EF-1T2012-050J
L304	79PL1057	EMI FILTER EF-1T2012-050J
L314	79PL2098	COIL CHOKE--UH-56--DRWW10
L315	79PL2100	COIL CHOKE--UH-68-K--
L316	79PL2099	COIL CHOKE--UH-5.6-K-DRWW
L321	79PL2120	CORE-BEAD-HB-1B2012-601T0
L322	79PL2120	CORE-BEAD-HB-1B2012-601T0
L325	79PL1065	BEAD CORE STC222B 1210
L326	79PL1065	BEAD CORE STC222B 1210
L327	79PL1065	BEAD CORE STC222B 1210
L328	79PL1065	BEAD CORE STC222B 1210
L331	79PL1065	BEAD CORE STC222B 1210
R338	79PL2121	CORE-BEAD-SBK160808T 400Y
R342	79PL2121	CORE-BEAD-SBK160808T 400Y
R346	79PL2121	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	79PL1328	FUSE SLOW TR5-T CG90L=4.3
PC01	79PL2129	CABLE-POWER -ONLYCG700MAK
PC02	79PL2092	ADAPTOR-POWER-AC-DC 19V/6
V001	79PL2093	CABLE-VIDEO-DSUBX2-1800MM
V002	79PL2118	HARNESS--30P-190MM-20276#
V003	79PL2117	HARNESS--12P/9P-340MM-CG1
V004	79PL2116	HARNESS--6P/5P-50MM-1007#
V170	3A684028	LCD TX43D15VC0CAD
X301	79PL2114	CRYSTAL-24MHZ-HC-49/S-TOP
X303	79PL2115	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for NMV	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	79PL2168	COVER-CABLE-NMV-U170ATA-J
B01R	79PL2153	REAR COVER ASS'Y-NMV-U170
B02P	79PL2169	COVER-ARM FRONT-NMV-U170A
B02R	79PL2088	BASE ASS'Y-NMV-U170ATA-JU
B02T	79PL2171	COVER-ARM REAR-NMV-U170AT
F01	79PL2152	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	79PL2149	LABEL-MODEL LABEL-NEC--U1
P11	79PL2155	CARTON BOX LCD1700NX-BK(A
P21	79PL2096	CUSHION-FOAM-EPS-17LCD17"
P31	79PL1841	PLASTIC BAG
P32	79PL1102	PLASTIC BAG
XTR	79PL2151	XTRA VIEW+ LCD1700NX-BK(A
Y002	79PL2148	SETUP SHEET LCD1700NX AN/
Y004	79PL2034	CARD-PRODUCT BROCHURE-NEC
Y0A1	79PL2146	MANUAL-NEC-LCD1700NX AN/A
Y0B1	79PL2123	DISKETTE-NEC-U170ATA-1700
*** RESISTORS ***		
R303	79PL1301	CHIP-R OHM 33 1/10W J
R304	79PL1301	CHIP-R OHM 33 1/10W J
R305	79PL1303	CHIP-R OHM 47 1/10W J
R306	79PL1303	CHIP-R OHM 47 1/10W J
R307	79PL1302	CHIP-R KOHM 4.7 1/10W J
R308	79PL1302	CHIP-R KOHM 4.7 1/10W J
R309	79PL1303	CHIP-R OHM 47 1/10W J
R310	79PL1303	CHIP-R OHM 47 1/10W J
R311	79PL1302	CHIP-R KOHM 4.7 1/10W J
R313	79PL1397	R,CHIP R OHM 470 1/10W J
R315	79PL1302	CHIP-R KOHM 4.7 1/10W J
R317	79PL1397	R,CHIP R OHM 470 1/10W J
R318	79PL1302	CHIP-R KOHM 4.7 1/10W J
R319	79PL1302	CHIP-R KOHM 4.7 1/10W J
R320	79PL1302	CHIP-R KOHM 4.7 1/10W J
R323	79PL1296	CHIP-R KOHM 10 1/10W J 06
R326	79PL1303	CHIP-R OHM 47 1/10W J
R327	79PL1303	CHIP-R OHM 47 1/10W J
R328	79PL1295	CHIP-R OHM 100 1/10W J 06
R329	79PL1295	CHIP-R OHM 100 1/10W J 06
R330	79PL1299	CHIP-R KOHM 2.2 1/10W J
R331	79PL1299	CHIP-R KOHM 2.2 1/10W J
R332	79PL1302	CHIP-R KOHM 4.7 1/10W J
R333	79PL1302	CHIP-R KOHM 4.7 1/10W J
R335	79PL1303	CHIP-R OHM 47 1/10W J
R336	79PL1303	CHIP-R OHM 47 1/10W J
R337	79PL1295	CHIP-R OHM 100 1/10W J 06

SYMBOL	Part No for NMV	DESCRIPTION
R339	79PL1305	CHIP-R OHM 75 1/10W J
R340	79PL1295	CHIP-R OHM 100 1/10W J 06
R341	79PL1295	CHIP-R OHM 100 1/10W J 06
R343	79PL1305	CHIP-R OHM 75 1/10W J
R344	79PL1295	CHIP-R OHM 100 1/10W J 06
R345	79PL1295	CHIP-R OHM 100 1/10W J 06
R347	79PL1305	CHIP-R OHM 75 1/10W J
R349	79PL1295	CHIP-R OHM 100 1/10W J 06
R361	79PL1387	R,CHIP R KOHM 1 1/10W J
R362	79PL1301	CHIP-R OHM 33 1/10W J
R363	79PL2101	RES. CHIP-R-OHM-820-1/10W
R366	79PL2101	RES. CHIP-R-OHM-820-1/10W
R368	79PL1294	CHIP-R OHM 0 1/10W J 0603
R369	79PL1390	R,CHIP R KOHM 12 1/10W J
R370	79PL1302	CHIP-R KOHM 4.7 1/10W J
R371	79PL1302	CHIP-R KOHM 4.7 1/10W J
R372	79PL1295	CHIP-R OHM 100 1/10W J 06
R374	79PL1294	CHIP-R OHM 0 1/10W J 0603
R375	79PL1296	CHIP-R KOHM 10 1/10W J 06
R376	79PL1295	CHIP-R OHM 100 1/10W J 06
R377	79PL1299	CHIP-R KOHM 2.2 1/10W J
R380	79PL1302	CHIP-R KOHM 4.7 1/10W J
R381	79PL1302	CHIP-R KOHM 4.7 1/10W J
R383	79PL1301	CHIP-R OHM 33 1/10W J
R384	79PL1301	CHIP-R OHM 33 1/10W J
R388	79PL1302	CHIP-R KOHM 4.7 1/10W J
R396	79PL1300	CHIP-R OHM 22 1/10W J
RN301	79PL1401	R,FRN KOHM 1 1/16W J
RN302	79PL1133	FRN OHM 33 1/16W J 8P4R
RN303	79PL1011	FRN 10KH 1/16W J 8P4R
RN304	79PL1011	FRN 10KH 1/16W J 8P4R
RN305	79PL1011	FRN 10KH 1/16W J 8P4R
RN306	79PL1241	FRN OHM 100 1/16W J 8P4R
RN307	79PL1241	FRN OHM 100 1/16W J 8P4R
RN310	79PL1011	FRN 10KH 1/16W J 8P4R
RN311	79PL1011	FRN 10KH 1/16W J 8P4R
RN312	79PL1011	FRN 10KH 1/16W J 8P4R
RN313	79PL1011	FRN 10KH 1/16W J 8P4R
RN314	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN315	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN316	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN317	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN318	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN319	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN320	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN321	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN322	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN323	79PL1307	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for NMV	DESCRIPTION
RN324	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN325	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN326	79PL1307	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	79PL1017	ALU 47UF 16V 85C SMD
C302	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C303	79PL1141	MC PF 100 50V NPO J SMD 0
C304	79PL1141	MC PF 100 50V NPO J SMD 0
C305	79PL2106	CAP. MC-UF-0.027-50V-K-X7
C306	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C307	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C308	79PL1314	MC PF 22 50V NPO J SMD
C309	79PL1317	MC 47PF 50V NPO J SMD
C310	79PL1317	MC 47PF 50V NPO J SMD
C311	79PL1405	C,ALU UF 22 16V T 105C S
C312	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C313	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C314	79PL1314	MC PF 22 50V NPO J SMD
C316	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C317	79PL1143	ALU UF 4.7 25V 85C T SMD
C318	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C319	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C320	79PL1143	ALU UF 4.7 25V 85C T SMD
C321	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C322	79PL1319	MC 0.01UF 50V X7R M SMD
C323	79PL1319	MC 0.01UF 50V X7R M SMD
C324	79PL1319	MC 0.01UF 50V X7R M SMD
C325	79PL1319	MC 0.01UF 50V X7R M SMD
C326	79PL1319	MC 0.01UF 50V X7R M SMD
C327	79PL1319	MC 0.01UF 50V X7R M SMD
C328	79PL1319	MC 0.01UF 50V X7R M SMD
C329	79PL1319	MC 0.01UF 50V X7R M SMD
C331	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C332	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C333	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C334	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C335	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C336	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C337	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C338	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C340	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C341	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C342	79PL1014	ALU 10UF 16V 105C T SMD
C343	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C344	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C347	79PL1317	MC 47PF 50V NPO J SMD
C348	79PL1317	MC 47PF 50V NPO J SMD

SYMBOL	Part No for NMV	DESCRIPTION
C349	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C350	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C351	79PL1014	ALU 10UF 16V 105C T SMD
C352	79PL1317	MC 47PF 50V NPO J SMD
C353	79PL1317	MC 47PF 50V NPO J SMD
C354	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C355	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C356	79PL1317	MC 47PF 50V NPO J SMD
C357	79PL1317	MC 47PF 50V NPO J SMD
C359	79PL1319	MC 0.01UF 50V X7R M SMD
C361	79PL1318	MC 5PF 50V NPO J SMD 0603
C362	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C363	79PL1319	MC 0.01UF 50V X7R M SMD
C364	79PL1319	MC 0.01UF 50V X7R M SMD
C365	79PL1318	MC 5PF 50V NPO J SMD 0603
C366	79PL1319	MC 0.01UF 50V X7R M SMD
C367	79PL1319	MC 0.01UF 50V X7R M SMD
C368	79PL1318	MC 5PF 50V NPO J SMD 0603
C369	79PL1319	MC 0.01UF 50V X7R M SMD
C370	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C371	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C372	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C408	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C409	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C410	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C411	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C412	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C413	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C414	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C415	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C416	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C417	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C418	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C419	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C420	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C421	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C422	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C423	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C424	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C425	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C426	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C427	79PL1405	C,ALU UF 22 16V T 105C S
C428	79PL1405	C,ALU UF 22 16V T 105C S
C429	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C430	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C431	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C432	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C433	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C434	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C435	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C436	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C437	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C438	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C439	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C440	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C441	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C442	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C443	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C444	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C445	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C446	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C447	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C448	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C449	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C450	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C451	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C452	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C453	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C454	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C455	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C456	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C457	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C458	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C459	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C460	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C463	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C464	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C465	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C466	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C467	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C468	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C471	79PL1405	C,ALU UF 22 16V T 105C S
C472	79PL1405	C,ALU UF 22 16V T 105C S
C473	79PL1405	C,ALU UF 22 16V T 105C S
C474	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C475	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C477	79PL1022	MC 33PF 50V NPO J SMD
C482	79PL1405	C,ALU UF 22 16V T 105C S
C483	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C484	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C485	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C486	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C487	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C488	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C489	79PL1405	C,ALU UF 22 16V T 105C S
C490	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C491	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C492	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C493	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C494	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C495	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C496	79PL1405	C,ALU UF 22 16V T 105C S
C497	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C498	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C499	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C500	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C501	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C502	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C503	79PL1317	MC 47PF 50V NPO J SMD
C504	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C505	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C506	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C507	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C508	79PL1319	MC 0.01UF 50V X7R M SMD
C509	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C510	79PL1014	ALU 10UF 16V 105C T SMD
C511	79PL1319	MC 0.01UF 50V X7R M SMD
C512	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C513	79PL1014	ALU 10UF 16V 105C T SMD
C514	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C515	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C516	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C517	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C518	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C519	79PL1407	C,ALU UF 680 25V NF 105C
C520	79PL1319	MC 0.01UF 50V X7R M SMD
C521	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C522	79PL1014	ALU 10UF 16V 105C T SMD
C523	79PL1319	MC 0.01UF 50V X7R M SMD
C524	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C525	79PL1014	ALU 10UF 16V 105C T SMD
C526	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C527	79PL1319	MC 0.01UF 50V X7R M SMD
C528	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C529	79PL1014	ALU 10UF 16V 105C T SMD
C530	79PL1014	ALU 10UF 16V 105C T SMD
C531	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C532	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C533	79PL1407	C,ALU UF 680 25V NF 105C
C534	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C535	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C536	79PL1317	MC 47PF 50V NPO J SMD
C537	79PL1317	MC 47PF 50V NPO J SMD
C538	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C539	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C540	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C552	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C553	79PL1407	C,ALU UF 680 25V NF 105C
C554	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C555	79PL1407	C,ALU UF 680 25V NF 105C
C556	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C557	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C558	79PL1407	C,ALU UF 680 25V NF 105C
C559	79PL1407	C,ALU UF 680 25V NF 105C
C560	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C561	79PL1017	ALU 47UF 16V 85C SMD
C562	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C563	79PL1974	CAP. ALU-UF-220-10V-NF-10
C564	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C565	79PL1974	CAP. ALU-UF-220-10V-NF-10
C566	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C567	79PL1014	ALU 10UF 16V 105C T SMD
C568	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C569	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C570	79PL1017	ALU 47UF 16V 85C SMD
C571	79PL1017	ALU 47UF 16V 85C SMD
C572	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C573	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C574	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C575	79PL1406	C,ALU UF 47 16V SMD 105C
C576	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C577	79PL1319	MC 0.01UF 50V X7R M SMD
C578	79PL1974	CAP. ALU-UF-220-10V-NF-10
C579	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C580	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C581	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C582	79PL1319	MC 0.01UF 50V X7R M SMD
C583	79PL1317	MC 47PF 50V NPO J SMD
C585	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C586	79PL1974	CAP. ALU-UF-220-10V-NF-10
C587	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C588	79PL1974	CAP. ALU-UF-220-10V-NF-10
C589	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C590	79PL2105	CAP. MC-PF-27-50V-J-NPO-S
C6A1	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP302	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP303	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for NMV	DESCRIPTION
CP304	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP305	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP306	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP307	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP308	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP309	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP310	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP311	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP312	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

REPLACEMENT PARTS LIST(For Asia)

The components specified for Model LCD1700NX(B)

SYMBOL	Part No for NMV	DESCRIPTION
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*** ICS ***

I301	79PL1948	IC-M51953AFP-8P-SOP
I302	79PL2113	IC-CPU-SM89516C25J-44PIN-
I305	79PL2111	IC-EEPROM-24LC16B/SN-8P-S
I306	79PL2110	IC-TTL-74HCT573DT-20P-SMD
I310	79PL1446	IC 24LC02B 8PIN SOP MICRO
I312	79PL1446	IC 24LC02B 8PIN SOP MICRO
I315	79PL2108	IC-CMOS-GM5020-292P-BGA-G
I316	79PL2112	IC-CPU-W981616BH-7-50PIN-
I317	79PL2112	IC-CPU-W981616BH-7-50PIN-
I318	79PL2112	IC-CPU-W981616BH-7-50PIN-
I319	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I320	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I321	79PL1041	IC SI4431DY 8P SOP
I322	79PL1040	IC LM2596S-5.0 TO-263(S)
I323	79PL1441	IC AIC1084 33CM 3P TO26
I324	79PL1252	IC SI3025LS 8P SOP SANKEN
I325	79PL1046	IC 74HCT08 14P SMD
I326	79PL1047	IC 74HCT04 14P SMD
I327	79PL1322	IC LM358DT 8P SOP ST
I330	79PL1441	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	79PL1147	TR NPN PMBT2222A SOT-23
Q304	79PL1147	TR NPN PMBT2222A SOT-23
Q307	79PL1036	TR NPN SST3904 SMD
Q308	79PL1036	TR NPN SST3904 SMD
Q309	79PL1251	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	79PL1249	DIODE DAN217 T146 SMD3
D303	79PL1249	DIODE DAN217 T146 SMD3
D304	79PL1249	DIODE DAN217 T146 SMD3
D305	79PL1249	DIODE DAN217 T146 SMD3
D306	79PL1249	DIODE DAN217 T146 SMD3
D307	79PL1249	DIODE DAN217 T146 SMD3
D308	79PL1249	DIODE DAN217 T146 SMD3
D309	79PL1249	DIODE DAN217 T146 SMD3
D311	79PL1249	DIODE DAN217 T146 SMD3
D312	79PL1947	DIODE-MM4148-SMD-GOODARK
D313	79PL1947	DIODE-MM4148-SMD-GOODARK
D314	79PL1249	DIODE DAN217 T146 SMD3

SYMBOL	Part No for NMV	DESCRIPTION
D316	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D317	79PL1947	DIODE-MM4148-SMD-GOODARK
D318	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D319	79PL1947	DIODE-MM4148-SMD-GOODARK
D320	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D321	79PL1947	DIODE-MM4148-SMD-GOODARK
D322	79PL1947	DIODE-MM4148-SMD-GOODARK
D323	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D324	79PL1947	DIODE-MM4148-SMD-GOODARK
D325	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D326	79PL1947	DIODE-MM4148-SMD-GOODARK
D327	79PL1249	DIODE DAN217 T146 SMD3
D328	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D329	79PL1249	DIODE DAN217 T146 SMD3
D330	79PL1249	DIODE DAN217 T146 SMD3
D331	79PL1249	DIODE DAN217 T146 SMD3
D343	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D344	79PL1425	DIODE WI. RLS73 130MA/80V
D345	79PL1425	DIODE WI. RLS73 130MA/80V
D346	79PL1425	DIODE WI. RLS73 130MA/80V
D347	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D600	79PL1088	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW602	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW603	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW604	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW605	79PL2119	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	79PL2090	FUNCTION KEY BD
INTBD	79PL2089	INTERFACE BD
INVA	79PL2085	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	79PL1060	BEAD CORE WB201209F050QST
FB302	79PL1059	BEAD CORE WB201209B260QNT
FB303	79PL1060	BEAD CORE WB201209F050QST
FB304	79PL1465	BEAD CORE BK 2125 HS 431
FB305	79PL1465	BEAD CORE BK 2125 HS 431
FB306	79PL1060	BEAD CORE WB201209F050QST
FB307	79PL1060	BEAD CORE WB201209F050QST
FB308	79PL1060	BEAD CORE WB201209F050QST
FB314	79PL1267	BEAD CORE WB160808B121QNT
FB316	79PL1267	BEAD CORE WB160808B121QNT
FB317	79PL1267	BEAD CORE WB160808B121QNT
FB318	79PL1267	BEAD CORE WB160808B121QNT

SYMBOL	Part No for NMV	DESCRIPTION
FB319	79PL1267	BEAD CORE WB160808B121QNT
FB321	79PL1064	BEAD COREHB-1P4516-600T60
FB322	79PL1267	BEAD CORE WB160808B121QNT
FB323	79PL1267	BEAD CORE WB160808B121QNT
FB324	79PL1064	BEAD COREHB-1P4516-600T60
FB325	79PL1266	BEAD CORE HH-1M3216-121JT
FB326	79PL0940	BEAD CORE W4B RH
FB327	79PL0940	BEAD CORE W4B RH
FB328	79PL1266	BEAD CORE HH-1M3216-121JT
FB330	79PL0940	BEAD CORE W4B RH
FB331	79PL1066	CORE BEAD WB453215B121QST
FB332	79PL0940	BEAD CORE W4B RH
FB333	79PL1066	CORE BEAD WB453215B121QST
FB334	79PL1098	BEAD CORE WB201209B300QST
FB335	79PL1266	BEAD CORE HH-1M3216-121JT
FB340	79PL1098	BEAD CORE WB201209B300QST
FB341	79PL1098	BEAD CORE WB201209B300QST
FB342	79PL1266	BEAD CORE HH-1M3216-121JT
L302	79PL1057	EMI FILTER EF-1T2012-050J
L303	79PL1057	EMI FILTER EF-1T2012-050J
L304	79PL1057	EMI FILTER EF-1T2012-050J
L314	79PL2098	COIL CHOKE--UH-56--DRWW10
L315	79PL2100	COIL CHOKE--UH-68-K--
L316	79PL2099	COIL CHOKE--UH-5.6-K-DRWW
L321	79PL2120	CORE-BEAD-HB-1B2012-601T0
L322	79PL2120	CORE-BEAD-HB-1B2012-601T0
L325	79PL1065	BEAD CORE STC222B 1210
L326	79PL1065	BEAD CORE STC222B 1210
L327	79PL1065	BEAD CORE STC222B 1210
L328	79PL1065	BEAD CORE STC222B 1210
L331	79PL1065	BEAD CORE STC222B 1210
R338	79PL2121	CORE-BEAD-SBK160808T 400Y
R342	79PL2121	CORE-BEAD-SBK160808T 400Y
R346	79PL2121	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	79PL1328	FUSE SLOW TR5-T CG90L=4.3
PC01	79PL2091	CABLE-POWER--1800MM-BLACK
PC02	79PL2092	ADAPTOR-POWER-AC-DC 19V/6
V001	79PL2093	CABLE-VIDEO-DSUBX2-1800MM
V002	79PL2118	HARNESS--30P-190MM-20276#
V003	79PL2117	HARNESS--12P/9P-340MM-CG1
V004	79PL2116	HARNESS--6P/5P-50MM-1007#
V170	3A684028	LCD TX43D15VC0CAD
X301	79PL2114	CRYSTAL-24MHZ-HC-49/S-TOP
X303	79PL2115	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for NMV	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	79PL2087	COVER-CABLE-NMV-U170ATA-J
B01R	79PL2086	REAR COVER ASS'Y-NMV-U170
B02P	79PL2142	COVER-ARM FRONT-NMV-U170A
B02R	79PL2088	BASE ASS'Y-NMV-U170ATA-JU
B02T	79PL2141	COVER-ARM REAR-NMV-U170AT
F01	79PL2084	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	79PL2097	LABEL-MODEL LABEL-NEC--U1
CD	79PL2147	CD-ROM LCD1700NX BN/BNBK
P11	79PL2095	CARTON-NEC-U170ATA
P21	79PL2096	CUSHION-FOAM-EPS-17LCD17"
P31	79PL1841	PLASTIC BAG
P32	79PL1102	PLASTIC BAG
Y002	79PL2124	CARD-SET UP CARD-NEC-U170
Y004	79PL2034	CARD-PRODUCT BROCHURE-NEC
Y0A1	79PL2145	MANUAL-NEC-U170ATA-1700VI
Y0B1	79PL2123	DISKETTE-NEC-U170ATA-1700
Y0C1	79PL1961	CARD-SALES OFFICE LIST-NE
Y0D1	79PL2122	CD-CD SLEEVE-MITSUBISHI-F
*** RESISTORS ***		
R303	79PL1301	CHIP-R OHM 33 1/10W J
R304	79PL1301	CHIP-R OHM 33 1/10W J
R305	79PL1303	CHIP-R OHM 47 1/10W J
R306	79PL1303	CHIP-R OHM 47 1/10W J
R307	79PL1302	CHIP-R KOHM 4.7 1/10W J
R308	79PL1302	CHIP-R KOHM 4.7 1/10W J
R309	79PL1303	CHIP-R OHM 47 1/10W J
R310	79PL1303	CHIP-R OHM 47 1/10W J
R311	79PL1302	CHIP-R KOHM 4.7 1/10W J
R313	79PL1397	R,CHIP R OHM 470 1/10W J
R315	79PL1302	CHIP-R KOHM 4.7 1/10W J
R317	79PL1397	R,CHIP R OHM 470 1/10W J
R318	79PL1302	CHIP-R KOHM 4.7 1/10W J
R319	79PL1302	CHIP-R KOHM 4.7 1/10W J
R320	79PL1302	CHIP-R KOHM 4.7 1/10W J
R323	79PL1296	CHIP-R KOHM 10 1/10W J 06
R326	79PL1303	CHIP-R OHM 47 1/10W J
R327	79PL1303	CHIP-R OHM 47 1/10W J
R328	79PL1295	CHIP-R OHM 100 1/10W J 06
R329	79PL1295	CHIP-R OHM 100 1/10W J 06
R330	79PL1299	CHIP-R KOHM 2.2 1/10W J
R331	79PL1299	CHIP-R KOHM 2.2 1/10W J
R332	79PL1302	CHIP-R KOHM 4.7 1/10W J
R333	79PL1302	CHIP-R KOHM 4.7 1/10W J
R335	79PL1303	CHIP-R OHM 47 1/10W J

SYMBOL	Part No for NMV	DESCRIPTION
R336	79PL1303	CHIP-R OHM 47 1/10W J
R337	79PL1295	CHIP-R OHM 100 1/10W J 06
R339	79PL1305	CHIP-R OHM 75 1/10W J
R340	79PL1295	CHIP-R OHM 100 1/10W J 06
R341	79PL1295	CHIP-R OHM 100 1/10W J 06
R343	79PL1305	CHIP-R OHM 75 1/10W J
R344	79PL1295	CHIP-R OHM 100 1/10W J 06
R345	79PL1295	CHIP-R OHM 100 1/10W J 06
R347	79PL1305	CHIP-R OHM 75 1/10W J
R349	79PL1295	CHIP-R OHM 100 1/10W J 06
R361	79PL1387	R,CHIP R KOHM 1 1/10W J
R362	79PL1301	CHIP-R OHM 33 1/10W J
R363	79PL2101	RES. CHIP-R-OHM-820-1/10W
R366	79PL2101	RES. CHIP-R-OHM-820-1/10W
R368	79PL1294	CHIP-R OHM 0 1/10W J 0603
R369	79PL1390	R,CHIP R KOHM 12 1/10W J
R370	79PL1302	CHIP-R KOHM 4.7 1/10W J
R371	79PL1302	CHIP-R KOHM 4.7 1/10W J
R372	79PL1295	CHIP-R OHM 100 1/10W J 06
R374	79PL1294	CHIP-R OHM 0 1/10W J 0603
R375	79PL1296	CHIP-R KOHM 10 1/10W J 06
R376	79PL1295	CHIP-R OHM 100 1/10W J 06
R377	79PL1299	CHIP-R KOHM 2.2 1/10W J
R380	79PL1302	CHIP-R KOHM 4.7 1/10W J
R381	79PL1302	CHIP-R KOHM 4.7 1/10W J
R383	79PL1301	CHIP-R OHM 33 1/10W J
R384	79PL1301	CHIP-R OHM 33 1/10W J
R388	79PL1302	CHIP-R KOHM 4.7 1/10W J
R396	79PL1300	CHIP-R OHM 22 1/10W J
RN301	79PL1401	R,FRN KOHM 1 1/16W J
RN302	79PL1133	FRN OHM 33 1/16W J 8P4R
RN303	79PL1011	FRN 10KH 1/16W J 8P4R
RN304	79PL1011	FRN 10KH 1/16W J 8P4R
RN305	79PL1011	FRN 10KH 1/16W J 8P4R
RN306	79PL1241	FRN OHM 100 1/16W J 8P4R
RN307	79PL1241	FRN OHM 100 1/16W J 8P4R
RN310	79PL1011	FRN 10KH 1/16W J 8P4R
RN311	79PL1011	FRN 10KH 1/16W J 8P4R
RN312	79PL1011	FRN 10KH 1/16W J 8P4R
RN313	79PL1011	FRN 10KH 1/16W J 8P4R
RN314	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN315	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN316	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN317	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN318	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN319	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN320	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN321	79PL1307	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for NMV	DESCRIPTION
RN322	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN323	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN324	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN325	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN326	79PL1307	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	79PL1017	ALU 47UF 16V 85C SMD
C302	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C303	79PL1141	MC PF 100 50V NPO J SMD 0
C304	79PL1141	MC PF 100 50V NPO J SMD 0
C305	79PL2106	CAP. MC-UF-0.027-50V-K-X7
C306	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C307	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C308	79PL1314	MC PF 22 50V NPO J SMD
C309	79PL1317	MC 47PF 50V NPO J SMD
C310	79PL1317	MC 47PF 50V NPO J SMD
C311	79PL1405	C,ALU UF 22 16V T 105C S
C312	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C313	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C314	79PL1314	MC PF 22 50V NPO J SMD
C316	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C317	79PL1143	ALU UF 4.7 25V 85C T SMD
C318	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C319	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C320	79PL1143	ALU UF 4.7 25V 85C T SMD
C321	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C322	79PL1319	MC 0.01UF 50V X7R M SMD
C323	79PL1319	MC 0.01UF 50V X7R M SMD
C324	79PL1319	MC 0.01UF 50V X7R M SMD
C325	79PL1319	MC 0.01UF 50V X7R M SMD
C326	79PL1319	MC 0.01UF 50V X7R M SMD
C327	79PL1319	MC 0.01UF 50V X7R M SMD
C328	79PL1319	MC 0.01UF 50V X7R M SMD
C329	79PL1319	MC 0.01UF 50V X7R M SMD
C331	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C332	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C333	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C334	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C335	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C336	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C337	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C338	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C340	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C341	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C342	79PL1014	ALU 10UF 16V 105C T SMD
C343	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C344	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C347	79PL1317	MC 47PF 50V NPO J SMD
C348	79PL1317	MC 47PF 50V NPO J SMD
C349	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C350	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C351	79PL1014	ALU 10UF 16V 105C T SMD
C352	79PL1317	MC 47PF 50V NPO J SMD
C353	79PL1317	MC 47PF 50V NPO J SMD
C354	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C355	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C356	79PL1317	MC 47PF 50V NPO J SMD
C357	79PL1317	MC 47PF 50V NPO J SMD
C359	79PL1319	MC 0.01UF 50V X7R M SMD
C361	79PL1318	MC 5PF 50V NPO J SMD 0603
C362	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C363	79PL1319	MC 0.01UF 50V X7R M SMD
C364	79PL1319	MC 0.01UF 50V X7R M SMD
C365	79PL1318	MC 5PF 50V NPO J SMD 0603
C366	79PL1319	MC 0.01UF 50V X7R M SMD
C367	79PL1319	MC 0.01UF 50V X7R M SMD
C368	79PL1318	MC 5PF 50V NPO J SMD 0603
C369	79PL1319	MC 0.01UF 50V X7R M SMD
C370	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C371	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C372	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C408	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C409	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C410	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C411	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C412	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C413	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C414	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C415	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C416	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C417	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C418	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C419	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C420	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C421	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C422	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C423	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C424	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C425	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C426	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C427	79PL1405	C,ALU UF 22 16V T 105C S
C428	79PL1405	C,ALU UF 22 16V T 105C S
C429	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C430	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C431	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C432	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C433	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C434	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C435	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C436	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C437	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C438	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C439	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C440	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C441	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C442	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C443	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C444	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C445	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C446	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C447	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C448	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C449	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C450	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C451	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C452	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C453	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C454	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C455	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C456	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C457	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C458	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C459	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C460	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C463	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C464	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C465	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C466	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C467	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C468	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C471	79PL1405	C,ALU UF 22 16V T 105C S
C472	79PL1405	C,ALU UF 22 16V T 105C S
C473	79PL1405	C,ALU UF 22 16V T 105C S
C474	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C475	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C477	79PL1022	MC 33PF 50V NPO J SMD
C482	79PL1405	C,ALU UF 22 16V T 105C S
C483	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C484	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C485	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C486	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C487	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C488	79PL2104	CAP. MC-PF-220-50V-M-NPO-

SYMBOL	Part No for NMV	DESCRIPTION
C489	79PL1405	C,ALU UF 22 16V T 105C S
C490	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C491	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C492	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C493	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C494	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C495	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C496	79PL1405	C,ALU UF 22 16V T 105C S
C497	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C498	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C499	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C500	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C501	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C502	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C503	79PL1317	MC 47PF 50V NPO J SMD
C504	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C505	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C506	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C507	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C508	79PL1319	MC 0.01UF 50V X7R M SMD
C509	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C510	79PL1014	ALU 10UF 16V 105C T SMD
C511	79PL1319	MC 0.01UF 50V X7R M SMD
C512	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C513	79PL1014	ALU 10UF 16V 105C T SMD
C514	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C515	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C516	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C517	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C518	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C519	79PL1407	C,ALU UF 680 25V NF 105C
C520	79PL1319	MC 0.01UF 50V X7R M SMD
C521	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C522	79PL1014	ALU 10UF 16V 105C T SMD
C523	79PL1319	MC 0.01UF 50V X7R M SMD
C524	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C525	79PL1014	ALU 10UF 16V 105C T SMD
C526	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C527	79PL1319	MC 0.01UF 50V X7R M SMD
C528	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C529	79PL1014	ALU 10UF 16V 105C T SMD
C530	79PL1014	ALU 10UF 16V 105C T SMD
C531	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C532	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C533	79PL1407	C,ALU UF 680 25V NF 105C
C534	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C535	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C536	79PL1317	MC 47PF 50V NPO J SMD

SYMBOL	Part No for NMV	DESCRIPTION
C537	79PL1317	MC 47PF 50V NPO J SMD
C538	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C539	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C540	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C552	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C553	79PL1407	C,ALU UF 680 25V NF 105C
C554	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C555	79PL1407	C,ALU UF 680 25V NF 105C
C556	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C557	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C558	79PL1407	C,ALU UF 680 25V NF 105C
C559	79PL1407	C,ALU UF 680 25V NF 105C
C560	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C561	79PL1017	ALU 47UF 16V 85C SMD
C562	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C563	79PL1974	CAP. ALU-UF-220-10V-NF-10
C564	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C565	79PL1974	CAP. ALU-UF-220-10V-NF-10
C566	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C567	79PL1014	ALU 10UF 16V 105C T SMD
C568	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C569	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C570	79PL1017	ALU 47UF 16V 85C SMD
C571	79PL1017	ALU 47UF 16V 85C SMD
C572	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C573	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C574	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C575	79PL1406	C,ALU UF 47 16V SMD 105C
C576	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C577	79PL1319	MC 0.01UF 50V X7R M SMD
C578	79PL1974	CAP. ALU-UF-220-10V-NF-10
C579	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C580	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C581	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C582	79PL1319	MC 0.01UF 50V X7R M SMD
C583	79PL1317	MC 47PF 50V NPO J SMD
C585	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C586	79PL1974	CAP. ALU-UF-220-10V-NF-10
C587	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C588	79PL1974	CAP. ALU-UF-220-10V-NF-10
C589	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C590	79PL2105	CAP. MC-PF-27-50V-J-NPO-S
C6A1	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for NMV	DESCRIPTION
CP302	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP303	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP304	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP305	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP306	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP307	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP308	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP309	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP310	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP311	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP312	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

REPLACEMENT PARTS LIST(For Asia)

The components specified for Model LCD1700NX-BK(B)

SYMBOL	Part No for NMV	DESCRIPTION
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*** ICS ***

I301	79PL1948	IC-M51953AFP-8P-SOP
I302	79PL2113	IC-CPU-SM89516C25J-44PIN-
I305	79PL2111	IC-EEPROM-24LC16B/SN-8P-S
I306	79PL2110	IC-TTL-74HCT573DT-20P-SMD
I310	79PL1446	IC 24LC02B 8PIN SOP MICRO
I312	79PL1446	IC 24LC02B 8PIN SOP MICRO
I315	79PL2108	IC-CMOS-GM5020-292P-BGA-G
I316	79PL2112	IC-CPU-W981616BH-7-50PIN-
I317	79PL2112	IC-CPU-W981616BH-7-50PIN-
I318	79PL2112	IC-CPU-W981616BH-7-50PIN-
I319	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I320	79PL2109	IC-CPU-NT7181F/B-56PIN-TS
I321	79PL1041	IC SI4431DY 8P SOP
I322	79PL1040	IC LM2596S-5.0 TO-263(S)
I323	79PL1441	IC AIC1084 33CM 3P TO26
I324	79PL1252	IC SI3025LS 8P SOP SANKEN
I325	79PL1046	IC 74HCT08 14P SMD
I326	79PL1047	IC 74HCT04 14P SMD
I327	79PL1322	IC LM358DT 8P SOP ST
I330	79PL1441	IC AIC1084 33CM 3P TO26

*** TRANSISTORS ***

Q301	79PL1147	TR NPN PMBT2222A SOT-23
Q304	79PL1147	TR NPN PMBT2222A SOT-23
Q307	79PL1036	TR NPN SST3904 SMD
Q308	79PL1036	TR NPN SST3904 SMD
Q309	79PL1251	TR PNP SST3906 T116 SOT-

*** DIODES ***

D301	79PL1249	DIODE DAN217 T146 SMD3
D303	79PL1249	DIODE DAN217 T146 SMD3
D304	79PL1249	DIODE DAN217 T146 SMD3
D305	79PL1249	DIODE DAN217 T146 SMD3
D306	79PL1249	DIODE DAN217 T146 SMD3
D307	79PL1249	DIODE DAN217 T146 SMD3
D308	79PL1249	DIODE DAN217 T146 SMD3
D309	79PL1249	DIODE DAN217 T146 SMD3
D311	79PL1249	DIODE DAN217 T146 SMD3
D312	79PL1947	DIODE-MM4148-SMD-GOODARK
D313	79PL1947	DIODE-MM4148-SMD-GOODARK
D314	79PL1249	DIODE DAN217 T146 SMD3

SYMBOL	Part No for NMV	DESCRIPTION
D316	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D317	79PL1947	DIODE-MM4148-SMD-GOODARK
D318	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D319	79PL1947	DIODE-MM4148-SMD-GOODARK
D320	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D321	79PL1947	DIODE-MM4148-SMD-GOODARK
D322	79PL1947	DIODE-MM4148-SMD-GOODARK
D323	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D324	79PL1947	DIODE-MM4148-SMD-GOODARK
D325	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D326	79PL1947	DIODE-MM4148-SMD-GOODARK
D327	79PL1249	DIODE DAN217 T146 SMD3
D328	79PL1144	DIODE ZNR RLZ TE-11 5.6B
D329	79PL1249	DIODE DAN217 T146 SMD3
D330	79PL1249	DIODE DAN217 T146 SMD3
D331	79PL1249	DIODE DAN217 T146 SMD3
D343	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D344	79PL1425	DIODE WI. RLS73 130MA/80V
D345	79PL1425	DIODE WI. RLS73 130MA/80V
D346	79PL1425	DIODE WI. RLS73 130MA/80V
D347	79PL2107	DIODE-SCHOTTKY-SS34-3A/40
D600	79PL1088	LED LTL-36EDJP 1(Y)3(G)

*** RELAYS & SWITCHES ***

SW601	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW602	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW603	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW604	79PL2119	SWITCH-TACT-SKHHAK2510-UE
SW605	79PL2119	SWITCH-TACT-SKHHAK2510-UE

*** PWB ASSYS ***

FUNBD	79PL2090	FUNCTION KEY BD
INTBD	79PL2089	INTERFACE BD
INVA	79PL2085	INVERTER-DC-AC 19V-TAD585

*** COILS & FILTERS ***

FB301	79PL1060	BEAD CORE WB201209F050QST
FB302	79PL1059	BEAD CORE WB201209B260QNT
FB303	79PL1060	BEAD CORE WB201209F050QST
FB304	79PL1465	BEAD CORE BK 2125 HS 431
FB305	79PL1465	BEAD CORE BK 2125 HS 431
FB306	79PL1060	BEAD CORE WB201209F050QST
FB307	79PL1060	BEAD CORE WB201209F050QST
FB308	79PL1060	BEAD CORE WB201209F050QST
FB314	79PL1267	BEAD CORE WB160808B121QNT
FB316	79PL1267	BEAD CORE WB160808B121QNT
FB317	79PL1267	BEAD CORE WB160808B121QNT
FB318	79PL1267	BEAD CORE WB160808B121QNT

SYMBOL	Part No for NMV	DESCRIPTION
FB319	79PL1267	BEAD CORE WB160808B121QNT
FB321	79PL1064	BEAD COREHB-1P4516-600T60
FB322	79PL1267	BEAD CORE WB160808B121QNT
FB323	79PL1267	BEAD CORE WB160808B121QNT
FB324	79PL1064	BEAD COREHB-1P4516-600T60
FB325	79PL1266	BEAD CORE HH-1M3216-121JT
FB326	79PL0940	BEAD CORE W4B RH
FB327	79PL0940	BEAD CORE W4B RH
FB328	79PL1266	BEAD CORE HH-1M3216-121JT
FB330	79PL0940	BEAD CORE W4B RH
FB331	79PL1066	CORE BEAD WB453215B121QST
FB332	79PL0940	BEAD CORE W4B RH
FB333	79PL1066	CORE BEAD WB453215B121QST
FB334	79PL1098	BEAD CORE WB201209B300QST
FB335	79PL1266	BEAD CORE HH-1M3216-121JT
FB340	79PL1098	BEAD CORE WB201209B300QST
FB341	79PL1098	BEAD CORE WB201209B300QST
FB342	79PL1266	BEAD CORE HH-1M3216-121JT
L302	79PL1057	EMI FILTER EF-1T2012-050J
L303	79PL1057	EMI FILTER EF-1T2012-050J
L304	79PL1057	EMI FILTER EF-1T2012-050J
L314	79PL2098	COIL CHOKE--UH-56--DRWW10
L315	79PL2100	COIL CHOKE--UH-68-K--
L316	79PL2099	COIL CHOKE--UH-5.6-K-DRWW
L321	79PL2120	CORE-BEAD-HB-1B2012-601T0
L322	79PL2120	CORE-BEAD-HB-1B2012-601T0
L325	79PL1065	BEAD CORE STC222B 1210
L326	79PL1065	BEAD CORE STC222B 1210
L327	79PL1065	BEAD CORE STC222B 1210
L328	79PL1065	BEAD CORE STC222B 1210
L331	79PL1065	BEAD CORE STC222B 1210
R338	79PL2121	CORE-BEAD-SBK160808T 400Y
R342	79PL2121	CORE-BEAD-SBK160808T 400Y
R346	79PL2121	CORE-BEAD-SBK160808T 400Y

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

F301	79PL1328	FUSE SLOW TR5-T CG90L=4.3
PC01	79PL2091	CABLE-POWER--1800MM-BLACK
PC02	79PL2092	ADAPTOR-POWER-AC-DC 19V/6
V001	79PL2093	CABLE-VIDEO-DSUBX2-1800MM
V002	79PL2118	HARNESS--30P-190MM-20276#
V003	79PL2117	HARNESS--12P/9P-340MM-CG1
V004	79PL2116	HARNESS--6P/5P-50MM-1007#
V170	3A684028	LCD TX43D15VC0CAD
X301	79PL2114	CRYSTAL-24MHZ-HC-49/S-TOP
X303	79PL2115	OSCILLTOR-24MHZ-3.3V 50PP

SYMBOL	Part No for NMV	DESCRIPTION
*** APPEARANCE PARTS ***		
B01P	79PL2168	COVER-CABLE-NMV-U170ATA-J
B01R	79PL2153	REAR COVER ASS'Y-NMV-U170
B02P	79PL2169	COVER-ARM FRONT-NMV-U170A
B02R	79PL2088	BASE ASS'Y-NMV-U170ATA-JU
B02T	79PL2171	COVER-ARM REAR-NMV-U170AT
F01	79PL2152	FRONT COVER ASS'Y-NMV-U17
*** PRINTED & PACKING MATERIALS ***		
B01L	79PL2149	LABEL-MODEL LABEL-NEC--U1
CD	79PL2147	CD-ROM LCD1700NX BN/BNBK
P11	79PL2095	CARTON-NEC-U170ATA
P21	79PL2096	CUSHION-FOAM-EPS-17LCD17"
P31	79PL1841	PLASTIC BAG
P32	79PL1102	PLASTIC BAG
Y002	79PL2124	CARD-SET UP CARD-NEC-U170
Y004	79PL2034	CARD-PRODUCT BROCHURE-NEC
Y0A1	79PL2145	MANUAL-NEC-U170ATA-1700VI
Y0B1	79PL2123	DISKETTE-NEC-U170ATA-1700
Y0C1	79PL1961	CARD-SALES OFFICE LIST-NE
Y0D1	79PL2122	CD-CD SLEEVE-MITSUBISHI-F
*** RESISTORS ***		
R303	79PL1301	CHIP-R OHM 33 1/10W J
R304	79PL1301	CHIP-R OHM 33 1/10W J
R305	79PL1303	CHIP-R OHM 47 1/10W J
R306	79PL1303	CHIP-R OHM 47 1/10W J
R307	79PL1302	CHIP-R KOHM 4.7 1/10W J
R308	79PL1302	CHIP-R KOHM 4.7 1/10W J
R309	79PL1303	CHIP-R OHM 47 1/10W J
R310	79PL1303	CHIP-R OHM 47 1/10W J
R311	79PL1302	CHIP-R KOHM 4.7 1/10W J
R313	79PL1397	R,CHIP R OHM 470 1/10W J
R315	79PL1302	CHIP-R KOHM 4.7 1/10W J
R317	79PL1397	R,CHIP R OHM 470 1/10W J
R318	79PL1302	CHIP-R KOHM 4.7 1/10W J
R319	79PL1302	CHIP-R KOHM 4.7 1/10W J
R320	79PL1302	CHIP-R KOHM 4.7 1/10W J
R323	79PL1296	CHIP-R KOHM 10 1/10W J 06
R326	79PL1303	CHIP-R OHM 47 1/10W J
R327	79PL1303	CHIP-R OHM 47 1/10W J
R328	79PL1295	CHIP-R OHM 100 1/10W J 06
R329	79PL1295	CHIP-R OHM 100 1/10W J 06
R330	79PL1299	CHIP-R KOHM 2.2 1/10W J
R331	79PL1299	CHIP-R KOHM 2.2 1/10W J
R332	79PL1302	CHIP-R KOHM 4.7 1/10W J
R333	79PL1302	CHIP-R KOHM 4.7 1/10W J
R335	79PL1303	CHIP-R OHM 47 1/10W J

SYMBOL	Part No for NMV	DESCRIPTION
R336	79PL1303	CHIP-R OHM 47 1/10W J
R337	79PL1295	CHIP-R OHM 100 1/10W J 06
R339	79PL1305	CHIP-R OHM 75 1/10W J
R340	79PL1295	CHIP-R OHM 100 1/10W J 06
R341	79PL1295	CHIP-R OHM 100 1/10W J 06
R343	79PL1305	CHIP-R OHM 75 1/10W J
R344	79PL1295	CHIP-R OHM 100 1/10W J 06
R345	79PL1295	CHIP-R OHM 100 1/10W J 06
R347	79PL1305	CHIP-R OHM 75 1/10W J
R349	79PL1295	CHIP-R OHM 100 1/10W J 06
R361	79PL1387	R,CHIP R KOHM 1 1/10W J
R362	79PL1301	CHIP-R OHM 33 1/10W J
R363	79PL2101	RES. CHIP-R-OHM-820-1/10W
R366	79PL2101	RES. CHIP-R-OHM-820-1/10W
R368	79PL1294	CHIP-R OHM 0 1/10W J 0603
R369	79PL1390	R,CHIP R KOHM 12 1/10W J
R370	79PL1302	CHIP-R KOHM 4.7 1/10W J
R371	79PL1302	CHIP-R KOHM 4.7 1/10W J
R372	79PL1295	CHIP-R OHM 100 1/10W J 06
R374	79PL1294	CHIP-R OHM 0 1/10W J 0603
R375	79PL1296	CHIP-R KOHM 10 1/10W J 06
R376	79PL1295	CHIP-R OHM 100 1/10W J 06
R377	79PL1299	CHIP-R KOHM 2.2 1/10W J
R380	79PL1302	CHIP-R KOHM 4.7 1/10W J
R381	79PL1302	CHIP-R KOHM 4.7 1/10W J
R383	79PL1301	CHIP-R OHM 33 1/10W J
R384	79PL1301	CHIP-R OHM 33 1/10W J
R388	79PL1302	CHIP-R KOHM 4.7 1/10W J
R396	79PL1300	CHIP-R OHM 22 1/10W J
RN301	79PL1401	R,FRN KOHM 1 1/16W J
RN302	79PL1133	FRN OHM 33 1/16W J 8P4R
RN303	79PL1011	FRN 10KH 1/16W J 8P4R
RN304	79PL1011	FRN 10KH 1/16W J 8P4R
RN305	79PL1011	FRN 10KH 1/16W J 8P4R
RN306	79PL1241	FRN OHM 100 1/16W J 8P4R
RN307	79PL1241	FRN OHM 100 1/16W J 8P4R
RN310	79PL1011	FRN 10KH 1/16W J 8P4R
RN311	79PL1011	FRN 10KH 1/16W J 8P4R
RN312	79PL1011	FRN 10KH 1/16W J 8P4R
RN313	79PL1011	FRN 10KH 1/16W J 8P4R
RN314	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN315	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN316	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN317	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN318	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN319	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN320	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN321	79PL1307	FRN,OHM,47,1/16W,J,8P4R

SYMBOL	Part No for NMV	DESCRIPTION
RN322	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN323	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN324	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN325	79PL1307	FRN,OHM,47,1/16W,J,8P4R
RN326	79PL1307	FRN,OHM,47,1/16W,J,8P4R

*** CAPACITORS ***

C301	79PL1017	ALU 47UF 16V 85C SMD
C302	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C303	79PL1141	MC PF 100 50V NPO J SMD 0
C304	79PL1141	MC PF 100 50V NPO J SMD 0
C305	79PL2106	CAP. MC-UF-0.027-50V-K-X7
C306	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C307	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C308	79PL1314	MC PF 22 50V NPO J SMD
C309	79PL1317	MC 47PF 50V NPO J SMD
C310	79PL1317	MC 47PF 50V NPO J SMD
C311	79PL1405	C,ALU UF 22 16V T 105C S
C312	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C313	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C314	79PL1314	MC PF 22 50V NPO J SMD
C316	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C317	79PL1143	ALU UF 4.7 25V 85C T SMD
C318	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C319	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C320	79PL1143	ALU UF 4.7 25V 85C T SMD
C321	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C322	79PL1319	MC 0.01UF 50V X7R M SMD
C323	79PL1319	MC 0.01UF 50V X7R M SMD
C324	79PL1319	MC 0.01UF 50V X7R M SMD
C325	79PL1319	MC 0.01UF 50V X7R M SMD
C326	79PL1319	MC 0.01UF 50V X7R M SMD
C327	79PL1319	MC 0.01UF 50V X7R M SMD
C328	79PL1319	MC 0.01UF 50V X7R M SMD
C329	79PL1319	MC 0.01UF 50V X7R M SMD
C331	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C332	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C333	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C334	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C335	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C336	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C337	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C338	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C340	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C341	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C342	79PL1014	ALU 10UF 16V 105C T SMD
C343	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C344	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

SYMBOL	Part No for NMV	DESCRIPTION
C347	79PL1317	MC 47PF 50V NPO J SMD
C348	79PL1317	MC 47PF 50V NPO J SMD
C349	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C350	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C351	79PL1014	ALU 10UF 16V 105C T SMD
C352	79PL1317	MC 47PF 50V NPO J SMD
C353	79PL1317	MC 47PF 50V NPO J SMD
C354	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C355	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C356	79PL1317	MC 47PF 50V NPO J SMD
C357	79PL1317	MC 47PF 50V NPO J SMD
C359	79PL1319	MC 0.01UF 50V X7R M SMD
C361	79PL1318	MC 5PF 50V NPO J SMD 0603
C362	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C363	79PL1319	MC 0.01UF 50V X7R M SMD
C364	79PL1319	MC 0.01UF 50V X7R M SMD
C365	79PL1318	MC 5PF 50V NPO J SMD 0603
C366	79PL1319	MC 0.01UF 50V X7R M SMD
C367	79PL1319	MC 0.01UF 50V X7R M SMD
C368	79PL1318	MC 5PF 50V NPO J SMD 0603
C369	79PL1319	MC 0.01UF 50V X7R M SMD
C370	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C371	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C372	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C408	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C409	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C410	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C411	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C412	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C413	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C414	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C415	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C416	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C417	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C418	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C419	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C420	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C421	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C422	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C423	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C424	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C425	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C426	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C427	79PL1405	C,ALU UF 22 16V T 105C S
C428	79PL1405	C,ALU UF 22 16V T 105C S
C429	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C430	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C431	79PL1418	C,MC UF 0.1 25V Z Y5V SMD

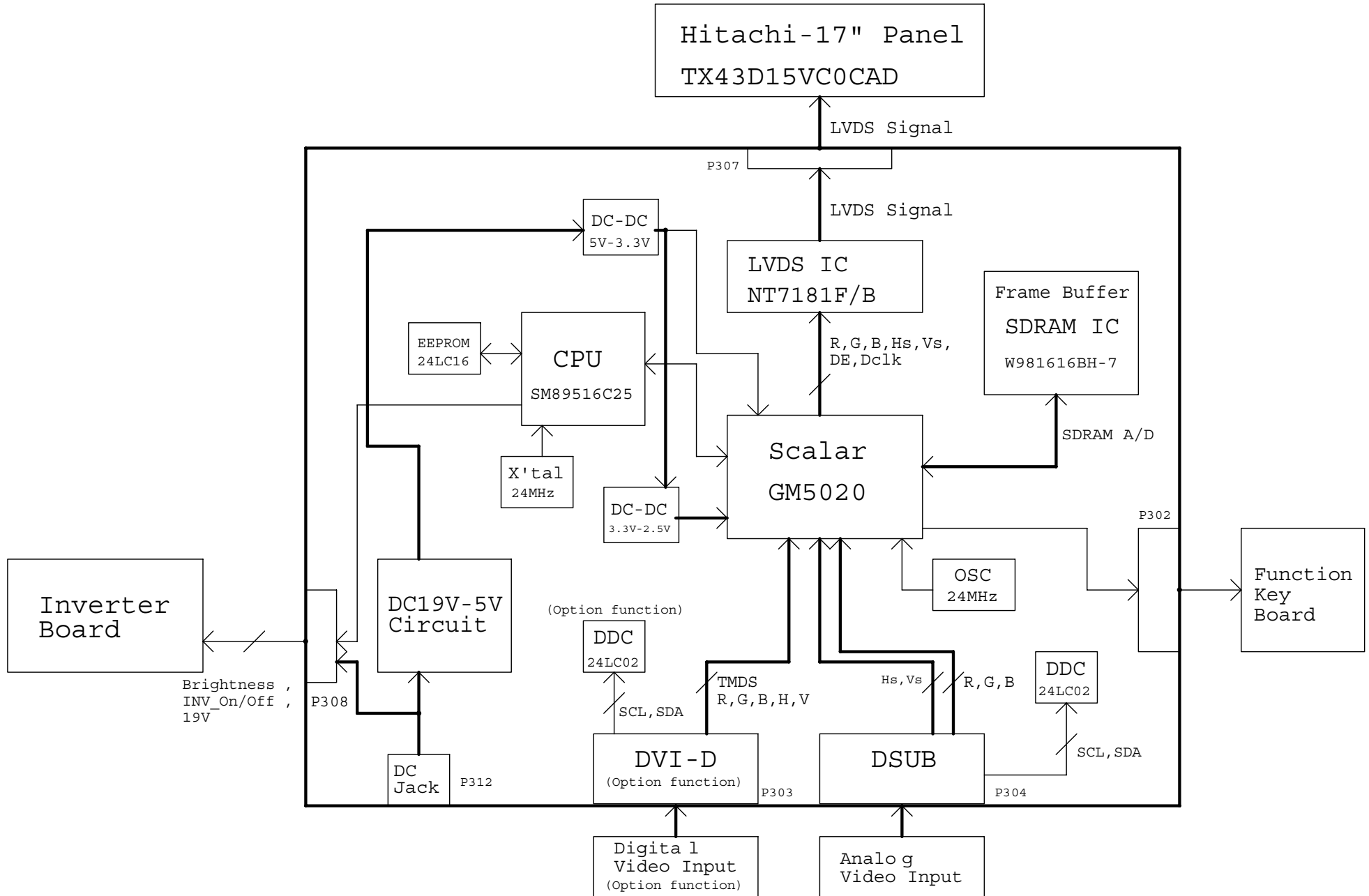
SYMBOL	Part No for NMV	DESCRIPTION
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C433	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C434	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C435	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C436	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C437	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C438	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C439	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C440	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C441	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C442	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C443	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C444	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C445	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C446	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C447	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C448	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C449	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C450	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C451	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C452	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C453	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C454	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C455	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C456	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C457	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C458	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C459	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C460	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C463	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C464	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C465	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C466	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C467	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C468	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C471	79PL1405	C,ALU UF 22 16V T 105C S
C472	79PL1405	C,ALU UF 22 16V T 105C S
C473	79PL1405	C,ALU UF 22 16V T 105C S
C474	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C475	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C477	79PL1022	MC 33PF 50V NPO J SMD
C482	79PL1405	C,ALU UF 22 16V T 105C S
C483	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C484	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C485	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C486	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C487	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C488	79PL2104	CAP. MC-PF-220-50V-M-NPO-

SYMBOL	Part No for NMV	DESCRIPTION
C489	79PL1405	C,ALU UF 22 16V T 105C S
C490	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C491	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C492	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C493	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C494	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C495	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C496	79PL1405	C,ALU UF 22 16V T 105C S
C497	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C498	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C499	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C500	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C501	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C502	79PL2104	CAP. MC-PF-220-50V-M-NPO-
C503	79PL1317	MC 47PF 50V NPO J SMD
C504	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C505	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C506	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C507	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C508	79PL1319	MC 0.01UF 50V X7R M SMD
C509	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C510	79PL1014	ALU 10UF 16V 105C T SMD
C511	79PL1319	MC 0.01UF 50V X7R M SMD
C512	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C513	79PL1014	ALU 10UF 16V 105C T SMD
C514	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C515	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C516	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C517	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C518	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C519	79PL1407	C,ALU UF 680 25V NF 105C
C520	79PL1319	MC 0.01UF 50V X7R M SMD
C521	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C522	79PL1014	ALU 10UF 16V 105C T SMD
C523	79PL1319	MC 0.01UF 50V X7R M SMD
C524	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C525	79PL1014	ALU 10UF 16V 105C T SMD
C526	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C527	79PL1319	MC 0.01UF 50V X7R M SMD
C528	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C529	79PL1014	ALU 10UF 16V 105C T SMD
C530	79PL1014	ALU 10UF 16V 105C T SMD
C531	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C532	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C533	79PL1407	C,ALU UF 680 25V NF 105C
C534	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C535	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C536	79PL1317	MC 47PF 50V NPO J SMD

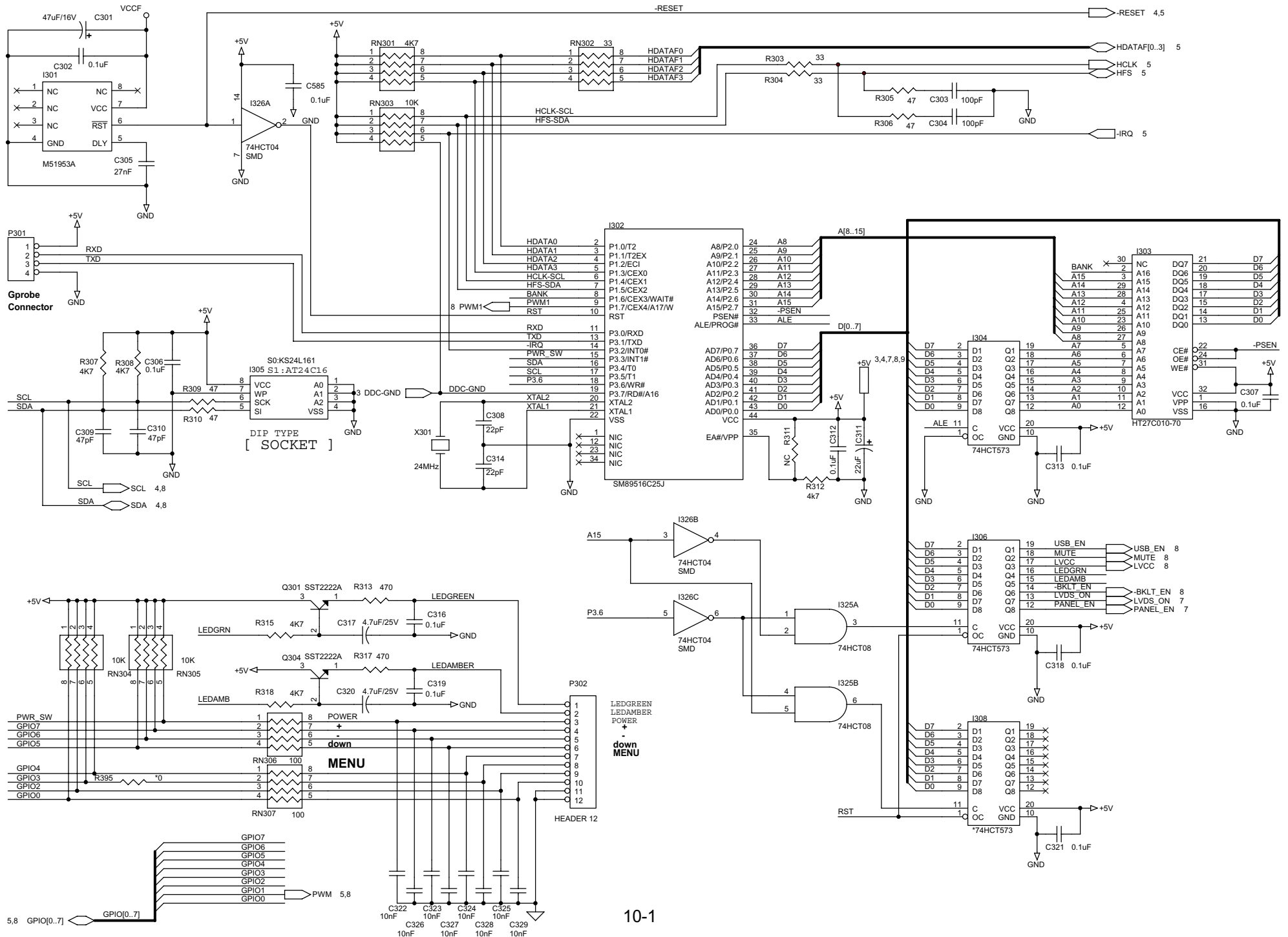
SYMBOL	Part No for NMV	DESCRIPTION
C537	79PL1317	MC 47PF 50V NPO J SMD
C538	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C539	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C540	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C552	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C553	79PL1407	C,ALU UF 680 25V NF 105C
C554	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C555	79PL1407	C,ALU UF 680 25V NF 105C
C556	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C557	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C558	79PL1407	C,ALU UF 680 25V NF 105C
C559	79PL1407	C,ALU UF 680 25V NF 105C
C560	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C561	79PL1017	ALU 47UF 16V 85C SMD
C562	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C563	79PL1974	CAP. ALU-UF-220-10V-NF-10
C564	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C565	79PL1974	CAP. ALU-UF-220-10V-NF-10
C566	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C567	79PL1014	ALU 10UF 16V 105C T SMD
C568	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C569	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C570	79PL1017	ALU 47UF 16V 85C SMD
C571	79PL1017	ALU 47UF 16V 85C SMD
C572	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C573	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C574	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C575	79PL1406	C,ALU UF 47 16V SMD 105C
C576	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C577	79PL1319	MC 0.01UF 50V X7R M SMD
C578	79PL1974	CAP. ALU-UF-220-10V-NF-10
C579	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C580	79PL1420	C,MC UF 4.7 16V Z Y5V SMD
C581	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C582	79PL1319	MC 0.01UF 50V X7R M SMD
C583	79PL1317	MC 47PF 50V NPO J SMD
C585	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C586	79PL1974	CAP. ALU-UF-220-10V-NF-10
C587	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C588	79PL1974	CAP. ALU-UF-220-10V-NF-10
C589	79PL1418	C,MC UF 0.1 25V Z Y5V SMD
C590	79PL2105	CAP. MC-PF-27-50V-J-NPO-S
C6A1	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A2	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A3	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A4	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
C6A5	79PL2102	CAP. MC-UF-0.1-50V-Z-Y5V-
CP301	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

SYMBOL	Part No for NMV	DESCRIPTION
CP302	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP303	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP304	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP305	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP306	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP307	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP308	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP309	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP310	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP311	79PL2103	CAP. MC-PF-33-50V-K-NPO-S
CP312	79PL2103	CAP. MC-PF-33-50V-K-NPO-S

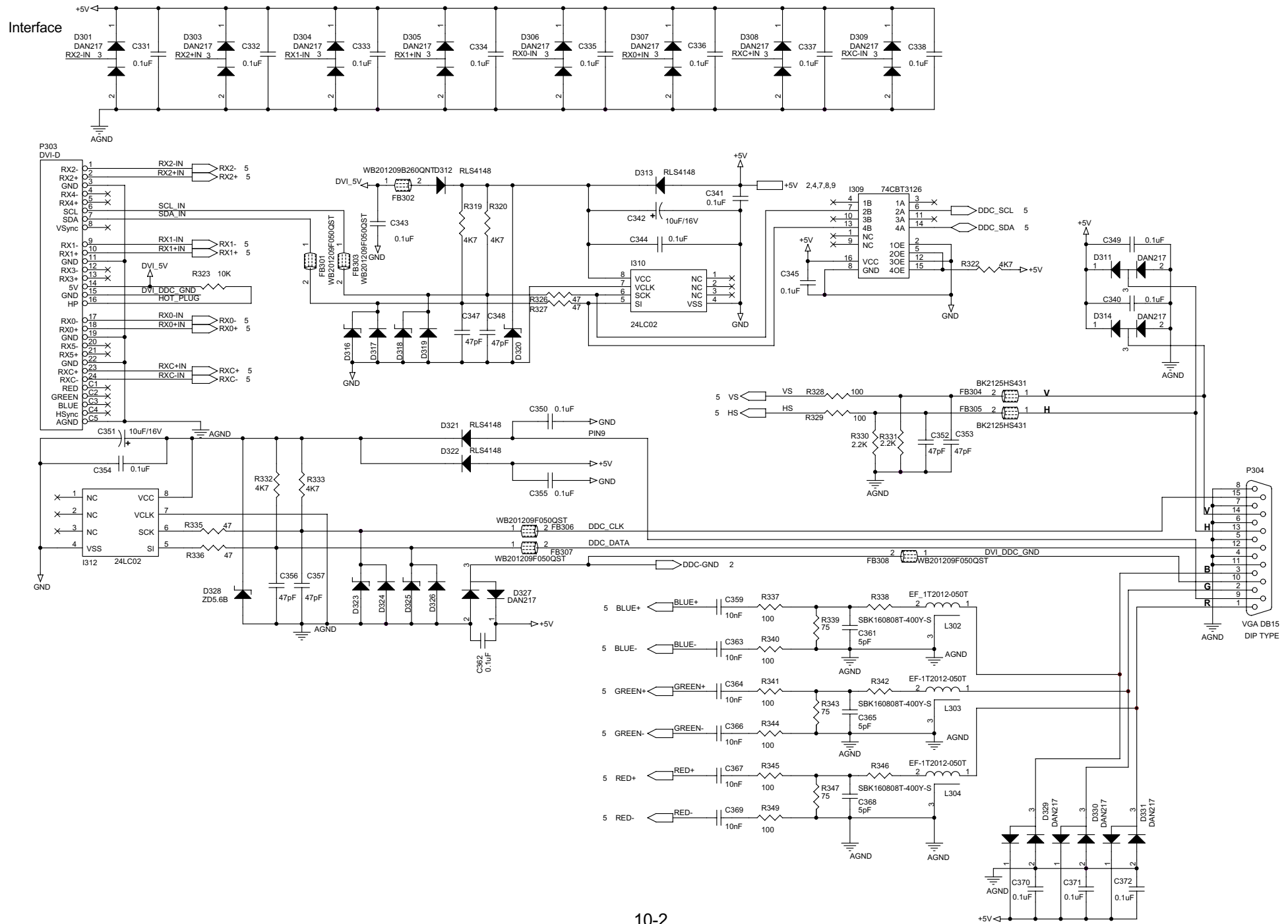
BLOCK DIAGRAM



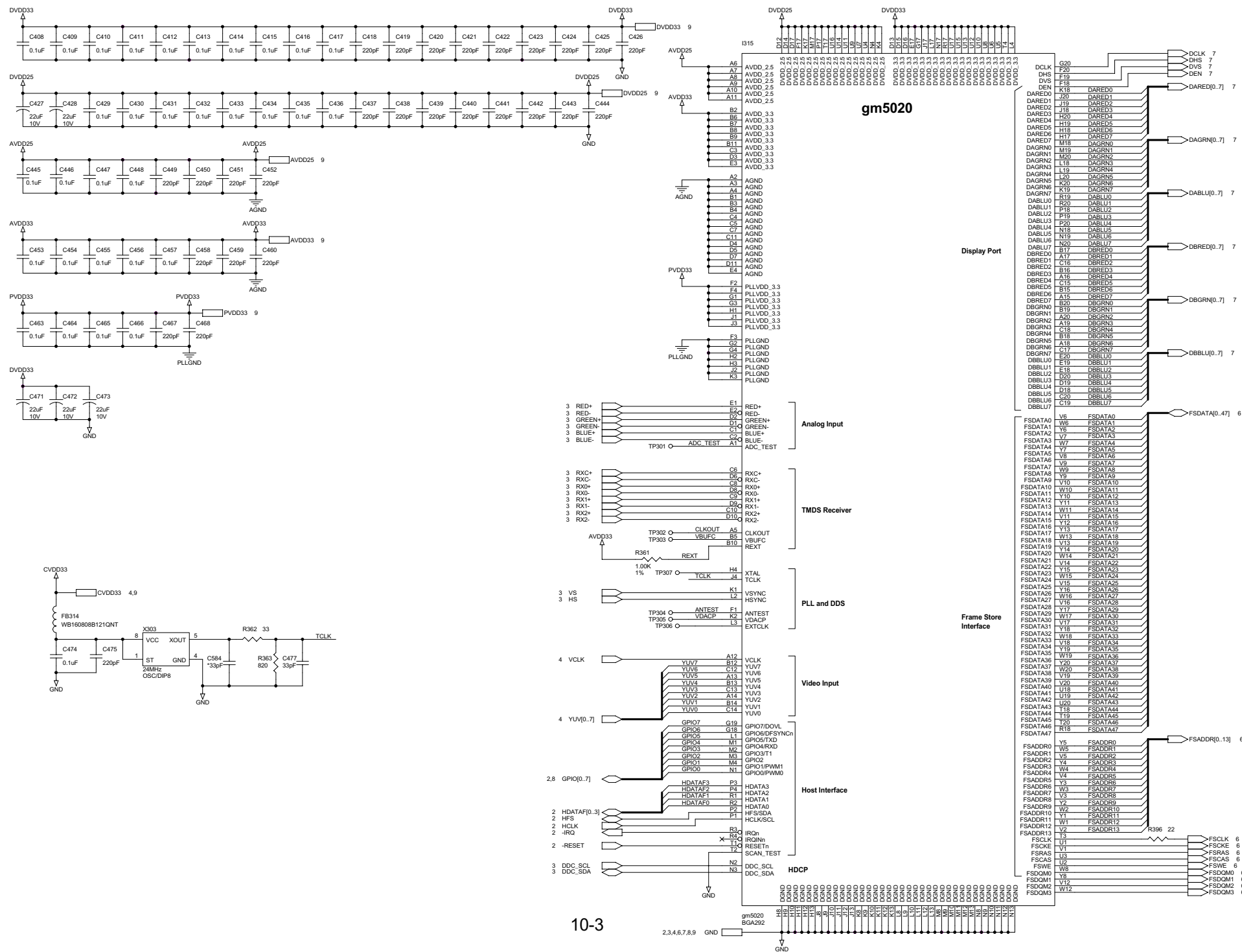
SCHEMATIC DIAGRAM INTERFACE BD (Micro Controller) (1/7)



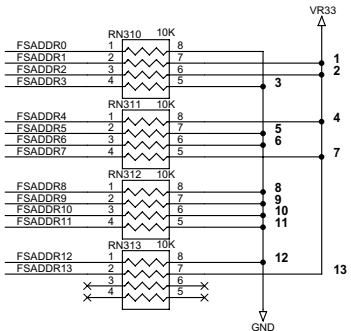
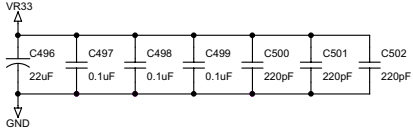
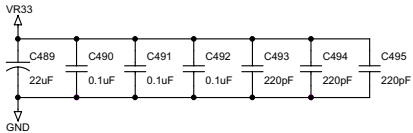
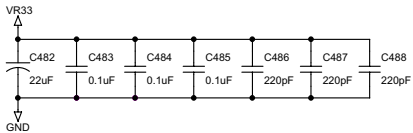
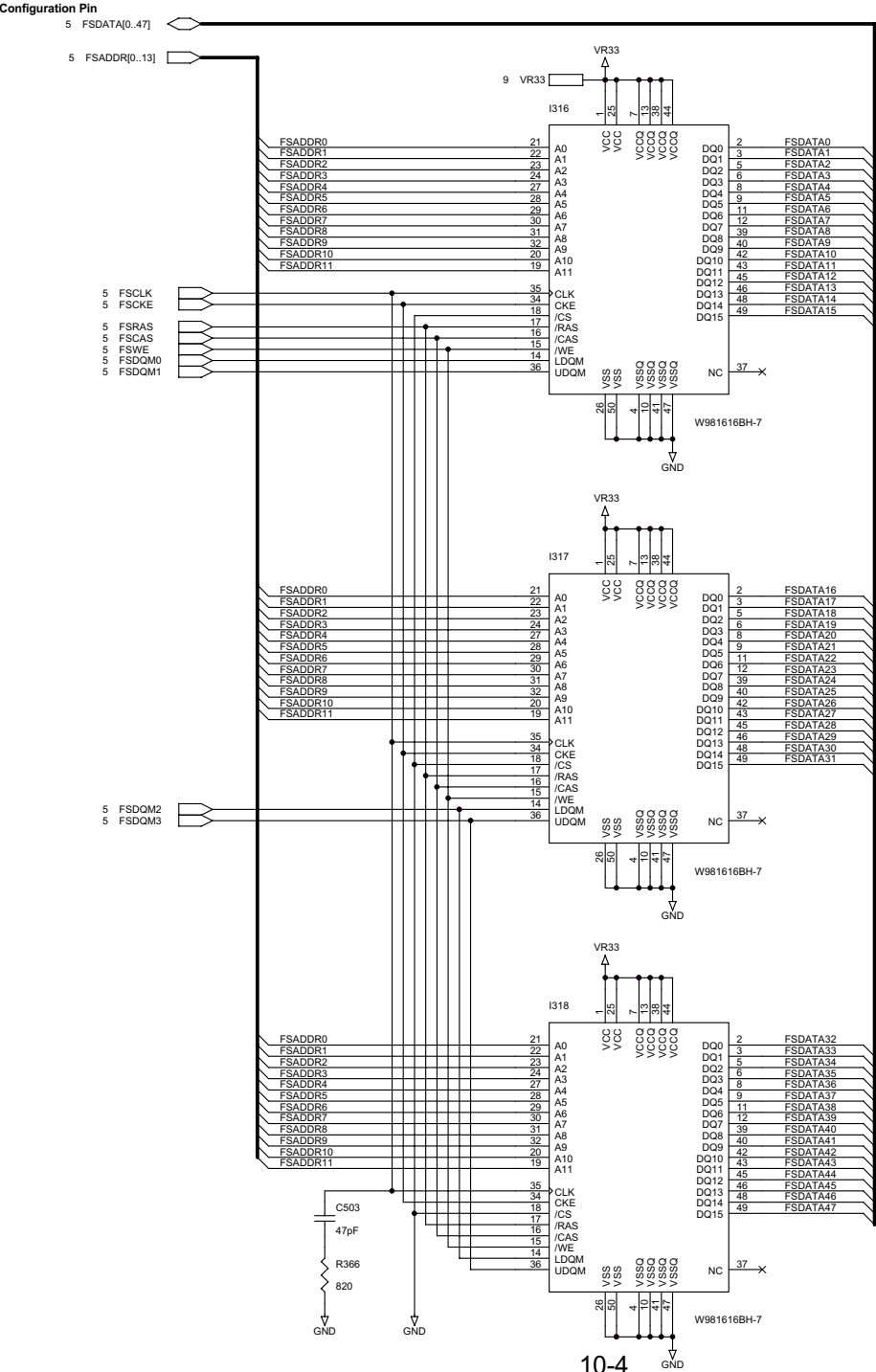
SCHEMATIC DIAGRAM INTERFACE BD (Input Interface) (2/7)



SCHEMATIC DIAGRAM INTERFACE BD (gm5020) (3/7)

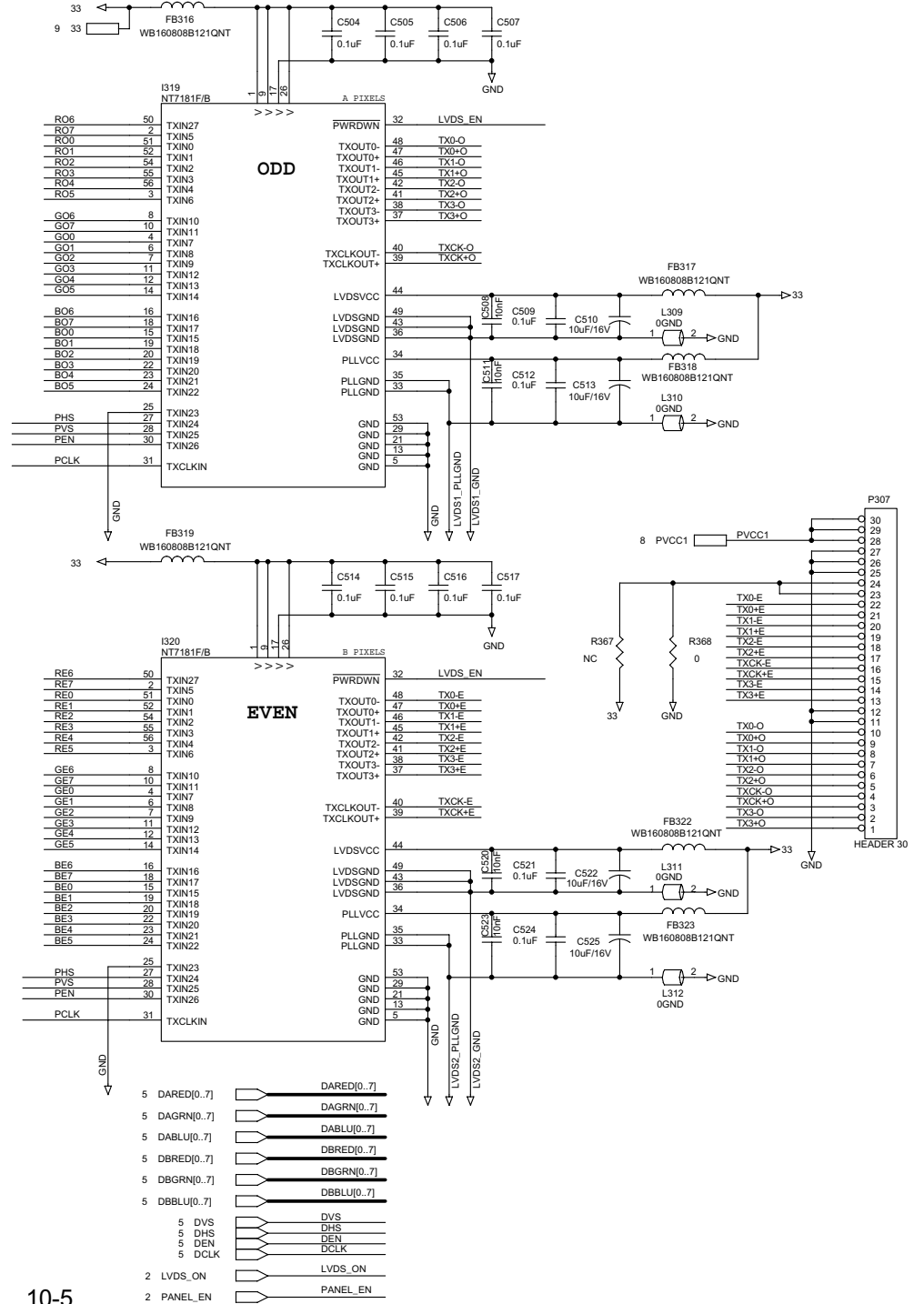
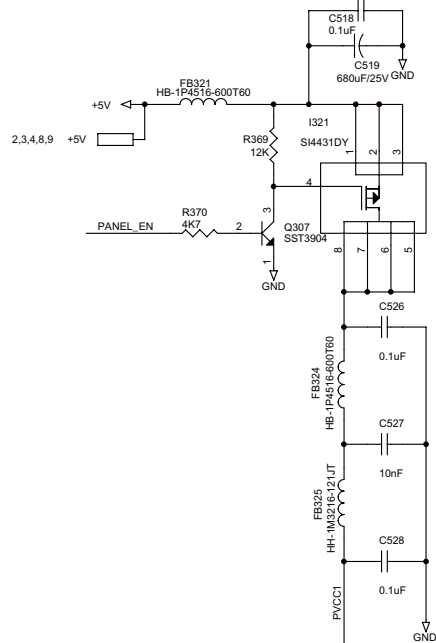
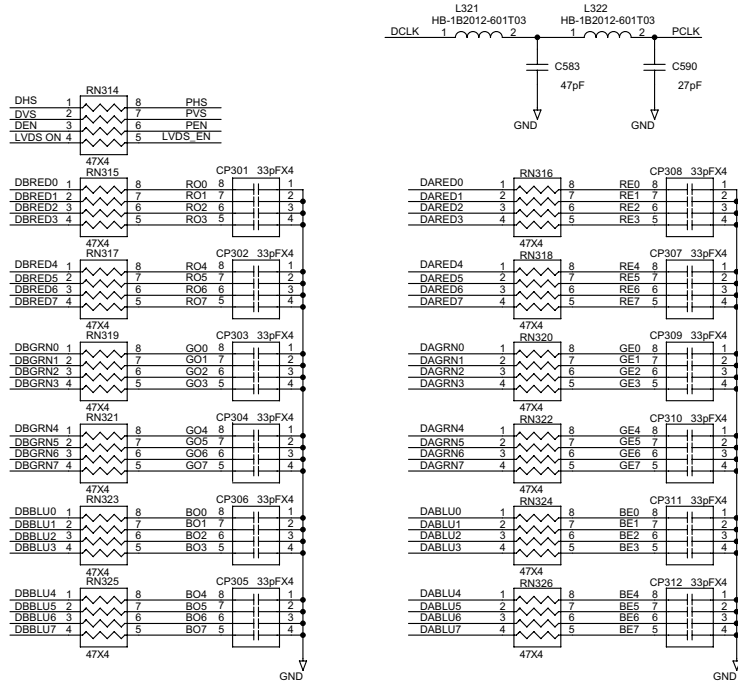


SCHEMATIC DIAGRAM INTERFACE BD (Frame Buffer) (4/7)

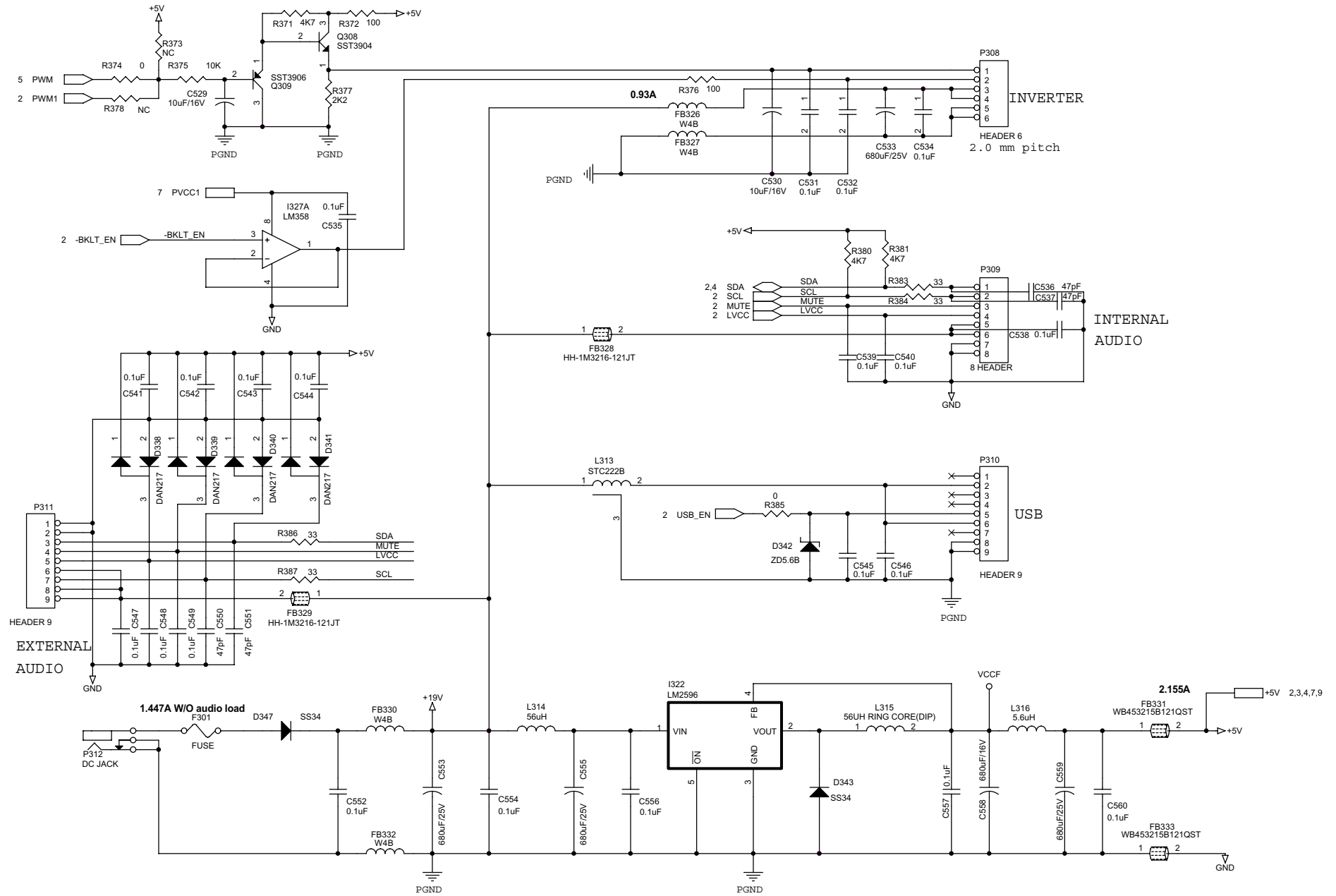


Configuration Pin

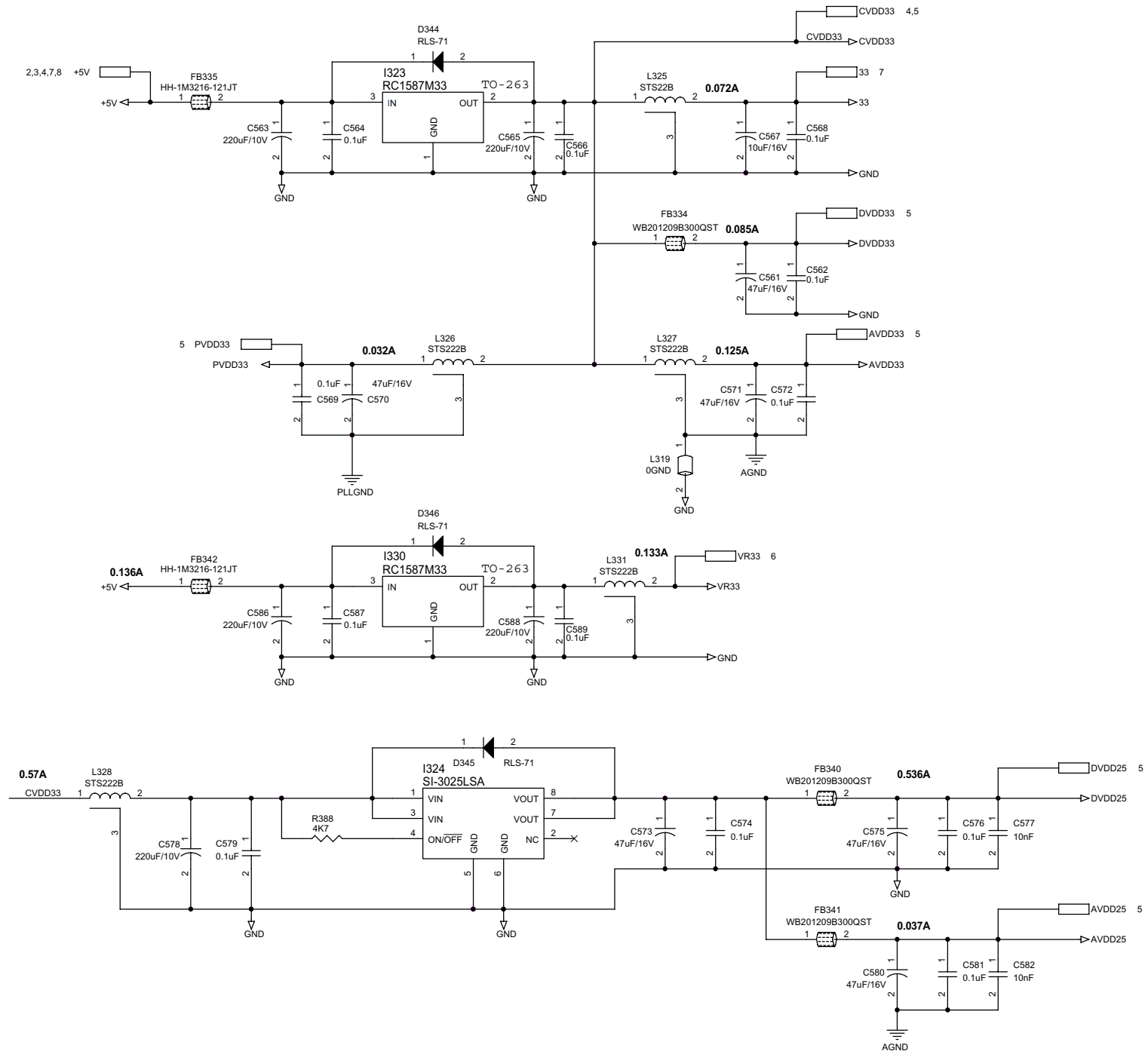
SCHEMATIC DIAGRAM INTERFACE BD (LVDS Interface) (5/7)



SCHEMATIC DIAGRAM INTERFACE BD (Power 1) (6/7)



SCHEMATIC DIAGRAM INTERFACE BD (Power 2) (7/7)



Packing specification

